

# Propuesta Tecnica

Quote # **C-2025-0018**  
 Date: 24/01/2025  
 Customer ID CHEVRON PETROPIAR

**Bill to:**  
**CHEVRON GLOBAL TECHNOLOGY SERVICES COMPANY**  
 Av. Ppal La Estancia, Centro Banaven, Torre D, Piso 7, Chuao,  
 Caracas 1060, Venezuela  
 Att: Maria Teresa Andres - Procura  
[MariaTeresa.Andres@chevron.com](mailto:MariaTeresa.Andres@chevron.com)

**Ship to:**  
**CHEVRON PETROPIAR Warehouse**  
 Jose Complex, Edo Anzoategui, Venezuela

Item	Cant	Description
1	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2134-L/CS 60x2.77/60x2.77-MRF-ZTSS50 x 185mm, SS</b>  <b>TAGS 63-LIT-121; 63-LIT-120</b></p> <p>Magnetic Level Gauge Type BNA-SD00                      Pressure: 100 psi ; Temp.: 14°F...250 °F; Fluid density: 920 kg/m<sup>3</sup>                      Design code: ASME B31.3                      Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)                      Duo stainless steel 316/316L (EN 1.4401/1.4404)                      Process connection: CS Flange ASME B16.5 2" 300# Form RF                      Distance C-to-C: 2134 mm                      Measuring range: 2134 mm                      Chamber end top: Flat Cap w/ 3/4" NPT Vent &amp; Plug                      Chamber end bottom: 300# Slip on Flange and Blind Mating Flange w/ 3/4" NPT Drain &amp; Plug Vent connection: Butt weld end 3/4"                      Drain connection: Butt weld end 3/4"                      Float:50 x 185mm, SS                      Dampening element: Dampening spring, bottom, with cover                      Gasket(s): Spiral wound type, SS 316L/Graphite                      Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG                      Top stand-off (T): 100 mm                      Bottom stand-off (U): 250 mm                      Nameplate: Stainless steel laser printed                      Includes Bottom: Mag Trap                      -316ss/ CS construction                      -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange                      -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)                      Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)                      Location of secondary chamber: 3 o'clock (right side of MLG chamber)                      Process connection GT: CS Flange ASME B16.5 2" 300# Form RF                      Distance between chambers center lines: 200 mm                      Radar connection stand-off: 254 mm                      Side chamber bottom stand-off: 254 mm                      Insertion external sensor: With                      MRF-M2134                      Level Indicator for Magnetic Level Gauge Type BMD-FA                      Measuring range: 2134 mm                      Housing material: Aluminum anodized                      Indicating elements: Stainless steel flaps Red &amp; white                      Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>W/RADAR Transmitter FX81.FADACFHANAM</b>                      eID: US34496766                      TDR sensor for continuous level and interface measurement of liquids Scope F : USA</p>

		<p>Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 102.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 /  316/316L Seal / Second line of defense /  Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Operating instructions : EN - English Number of operating instructions : 2  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 94.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
2	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M610-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS465/PN40/R48H</b>  <b>Tags : 15-LIT-071, 15-LIT-101</b></p> <p><b>Magnetic Level Gauge Type BNA-SD00</b>  Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 470 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 24.0 inch  Measuring range: 24.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS465/PN40/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Side chamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p><b>MRF/SAP-M610</b>  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 24.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p>

		<p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34248543  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 42.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height):  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 34.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
3	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/600/RF-MG-M483-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN56/A110</b>  <b>Tag 15-LIT-102</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 784 psi ; Temp.: 14°F...250 °F; Fluid density: 470 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Pipe  Process connection: CS Flange ASME B16.5 2" 600# Form RF  Distance C-to-C: 19.0 inch  Measuring range: 19.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 600# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS660/PN56/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 28.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 600# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 600# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M483  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 19.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white</p>

		<p>Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAL1HXANAM</b>  eID: US34260280  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 37.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AL : Flange 2" 600lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 29.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 99.3</p>
4	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M610-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS465/PN40/R48H</b>  <b>Tag : 15-LIT-017</b></p> <p><b>Magnetic Level Gauge Type BNA-SD00</b>  Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 470 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 24.0 inch  Measuring range: 24.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS465/PN40/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p><b>MRF/SAP-M610</b>  Level Indicator for Magnetic Level Gauge Type BMD-FA</p>

		<p>Measuring range: 24.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34248543  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  <b>Length (from seal surface) : 47.000 inch</b>  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height):  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 39.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
5	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/600/RF-MG-M584-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN56/A110</b>  <b>Tag : 15-LIT-072</b></p> <p><b>Magnetic Level Gauge Type BNA-SD00</b>  Pressure: 784 psi ; Temp.: 14°F...379 °F;  Fluid density: 470 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 600# Form RF  Distance C-to-C: 23.0 inch  Measuring range: 23.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 600# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS660/PN56/A110  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 28.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Side chamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 600# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 600# RFWN Flange</p>

		<p>-Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p><b>MRF/SAP-M584</b>  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 23.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAL1HXANAM</b>  eID: US34260086  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 41.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AL : Flange 2" 600lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 33.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 99.3</p>
6	2	<p><b>WIKA BYPASS CHAMBER</b>  <b>BZG-2"/900/rf-M483-CS60.3x5.54</b>  <b>Tag : 15-LIT-073, 15-LIT-103</b></p> <p>External Chamber Type BZG-K00  Pressure: 1810 psi , Temp: 14°F – 300°F  Design code: ASME B31 3  Test Pressure: 188 bar  Chamber dimensions: OD 60.3 x 5.54 mm (2" Sch 80S)  Chamber material: Steel A105/106 Gr. B  Joint design: Slip on welds not permitted. Only welding-neck flanges allowed  Corrosion allowance: min 1.6 mm included  Process connection: Flange ASME B16.5 2" 900# Form RF  Process connection orientation: Side-Side  Connection technology: Pipe on Pipe  Distance C-to-C: 483 mm  Chamber end top: Flange ASME B16.5 2" 900# Form RF  Chamber end bottom: Pipe cap  Vent connection: male thread ¾" NPT  Vent connection orientation: 6 o'clock / 180°  Drain connection: Male thread ¾"  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC Series, carbon steel A320 Gr. L7 / HDG / A194 Gr. 7 HDG  Top stand-off (T): 254 mm  Bottom stand-off (U) 254 mm  Side distance (X) 150 mm  Nameplate: Stainless steel laser printed  Insertion external sensor: with</p> <p><b>w/RADAR Transmitter FX86.FADCZ1HXANAM</b>  eID: US34260183</p>

		<p>Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 37.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material CZ : Flange 2" 900lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature: Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 29.000 inch  Linearization : No  Min. process pressure in bar : -1.000 Max. process pressure in bar : 148</p>
7	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M356-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN32/A110</b>  <b>Tags: 15-LIT-025, 15-LIT-024</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 470 psi ; Temp.: 14°F...300 °F; Fluid density: 442 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 14.0 inch  Measuring range: 14.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS660/PN32/A110 / ZTS300/PN32/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 28.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M356  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 14.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b></p>

		<p>eID: US34257952  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 32.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p> <ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 24.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
8	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M3025-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110</b>  <b>Tag: 15-LIT-031</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 627 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 119.0 inch  Measuring range: 119.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS275/PN16/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M3025  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 119.03 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %  <b>Includes Insulation Jacket 1" Ceramic Fiber with Silicone Alpha Cloth Exterior and High Heat Interior</b></p>

		<p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34258049  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe: mounted  Length (from seal surface) : 137.094 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter /height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L  Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard: (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test: RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates: with goods  Measurement loop identification label: of Stainless Steel  Customer-specific adjustment: Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 129.094 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
9	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110</b>  <b>Tag: 15-LIT-032</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 39.0 inch  Measuring range: 39.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS275/PN16/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M991  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 39.0 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white</p>

		<p>Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>W/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258728  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 61.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : XXX  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
10	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110</b>  <b>Tag: 15-LIT-009</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 43.0 inch  Measuring range: 43.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS275/PN16/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M991  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 39.0 inch  Housing material: Aluminum anodized</p>

		<p>Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>W/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258728  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 61.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : XXX  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
11	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110</b>  <b>Tag: 15-LIT-036A</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 38.0 inch  Measuring range: 38.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS275/PN16/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M991  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 39.0 inch</p>

		<p>Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>W/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258728  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 61.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : XXX  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
12	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M3048-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS300/PN35/A110/INTF</b>  <b>Tag: 15-LIT-022</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 500 psi ; Temp.: 14°F...300 °F; Fluid density: 982 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 120.0 inch  Measuring range: 120.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS300/PN35/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M3048</p>

13	1	<p>Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 120 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34257564  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 138.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L  Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p> <ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 130.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M3025-L/CS 73 x 3.05/60x2,77-MRF/SAP-ZTKS60/0.4/623/K74</b>  <b>Tag: 15-LIT-023</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 460 psi ; Temp.: 14°F...300 °F; Fluid density: 391 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions:73 x 3.05mm (2-1/2" sch. 10)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 72.0 inch  Measuring range: 72.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTKS60/0.4/623/K74  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 28.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction</p>
----	---	---

		<p>-316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1829  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 72 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %  Includes Insulation Jacket 1" Ceramic Fiber with Silicone Alpha Cloth Exterior and High Heat Interior</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34257758  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 90.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 82.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
14	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M4572-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS245/PN16/A110</b>  <b>Tag: 15-LIT-001</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 165 psi ; Temp.: 14°F...491 °F; Fluid density: 691 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 180.0 inch  Measuring range: 180.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS245/PN16/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed  Stability Bracket: 1</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch</p>

15	2	<p>Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M4572  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 180 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34259213  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 198.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 190.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1676-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110</b>  <b>Tag: 15-LIT-057, 15-LIT-058</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 200 psi ; Temp.: 14°F...425 °F; Fluid density: 880 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 66.0 inch  Measuring range: 66.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS215/PN40/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch</p>
----	---	---

		<p>Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1676  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 66 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34259601  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 84.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 76.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p>
16	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M10,668-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS150PN25/R48H</b>  <b>Tag: 15-LIT-040</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 250 psi ; Temp.: 14°F...300 °F; Fluid density: 1030 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 420.0 inch shipped in 2 sections  Measuring range: 420.0 inch shipped in 2 sections  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS150PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF</p>

		<p>Connection between chambers (2): CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M10,668  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 420 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258243  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 438.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 430.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
17	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2286-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS180/PN40/A110</b>  <b>Tag: 15-LIT-044</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 90.0 inch  Measuring range: 90.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS180/PN40/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)</p>

		<p>Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>—  MRF/SAP-M2286  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 90 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  <b>eID: US34261832</b>  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 108.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p> <ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 101.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p>
18	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-MG-M6,096-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185PN25/R48H</b>  <b>Tag: 15-LIT-048</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...250 °F; Fluid density: 987 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 240.0 inch shipped in 2 sections  Measuring range: 240.0 inch shipped in 2 sections  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS185PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)</p>

		<p>Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Connection between chambers (2): CS Flange ASME B16.5 1" 300# Form RF Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M6096  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 240 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258437  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 258.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 250.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
19	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M4572-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185/PN25/R48H</b>  <b>Tag: 15-LIT-051</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 967 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 180.0 inch  Measuring range: 180.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed  Stability Bracket: 1</p> <p>Dual Chamber (DUplus)</p>

		<p>Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M4572  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 180 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34258534  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 198.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 190.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
20	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1600-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS300/PN25/A110/INTF</b>  <b>Tag: 15-LI-008</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 63.0 inch  Measuring range: 63.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS300/PN25/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p>

		<p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1600  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 63 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34256206  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 81.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 73.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
21	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M914-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS300/PN25/A110/INTF</b>  <b>Tag: 15-LI-021</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 470 psi ; Temp.: 14°F...300 °F; Fluid density: 489 / 986 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 36.0 inch  Measuring range: 36.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS300/PN25/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p>

		<p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M914  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 36 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34256400  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 54.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 46.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
22	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M4318-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS150/PN25/R48H</b>  <b>Tag: 15-LIT-056</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 1060 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 170.0 inch  Measuring range: 170.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS150/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch</p>

		<p>Nameplate: Stainless steel laser printed Stability Bracket: 1</p> <p>Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M4318 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 170 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red &amp; white Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b> eID: US34256691 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 188.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 180.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0</p>
23	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b> <b>BNA/DU-2"/300/RF-M1067-L/CS 60x2.77/60x2,77-MRF/SAP-</b> <b>ZTS420/PN25/A110</b> <b>Tag: 15-LIT-060</b></p> <p>Magnetic Level Gauge Type BNA-SD00 Pressure: 330 psi ; Temp.: 14°F...250 °F; Fluid density: 476 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 42.0 inch Measuring range: 42.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS420/PN25/A110 Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite</p>

		<p>Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed  Stability Bracket: 1</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1667  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 42 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/ RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34256885  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 60.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 52.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
24	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M3353-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS420/PN25/A110</b>  <b>Tag: 15-LIT-011</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 320 psi ; Temp.: 14°F...472 °F; Fluid density: 466 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 132.0 inch  Measuring range: 132.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)</p>

		<p>Float: ZTS420/PN25/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed  Stability Bracket: 1</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M3353  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 132 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w.RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34257273  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 150.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperatura : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 142.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2260-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110</b>  <b>Tag: 16-LIT-017B, 16-LIT-015</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 810 / 980 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 89 / 89-9/16 inch  Measuring range: 89 / 89-9/16 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF</p>
25	2	

26	1	<p>Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS215/PN40/A110 / ZTS300/PN40/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M2261 / 2275  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 89 / 89-9/16 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34262026  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 107.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 99.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1270-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110 – Total level only, Intf requires .1 SG difference</b>  <b>Tag: 16-LIT-001</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 405 psi ; Temp.: 14°F...400 °F; Fluid density: 860 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 50.0 inch  Measuring range: 50.0 inch  Chamber end top: Pipe cap</p>
----	---	--

27	1	<p>Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS215/PN40/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1270  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 50 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34261444  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 68.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 60.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1394-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185/PN25/R48H</b>  <b>Tag: 16-LIT-201</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 15 psi ; Temp.: 14°F...250 °F; Fluid density: 980 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 54.875 inch</p>
----	---	---

28	1	<p>Measuring range: 54.875 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1394  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 54.875 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACFHANAM</b>  eID: US34261541  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 72.875 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 64.875 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1270-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110 – Total level only, Intf requires .1 SG difference</b>  <b>Tag: 14-LIT-001</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 405 psi ; Temp.: 14°F...400 °F; Fluid density: 860 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless  Process connection: CS Flange ASME B16.5 2" 300# Form RF</p>
----	---	---

		<p>Distance C-to-C: 50.0 inch  Measuring range: 50.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS215/PN40/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1270  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 50 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34261444  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 68.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 60.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1778-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS300/PN40/A110/INTF</b>  <b>Tag: 14-LIT-012</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 / 980 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless</p>
29	1	

30	1	<p>Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 70.0 inch  Measuring range: 70.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS300/PN40/A110/INTF  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1778  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 70 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34261735  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 88.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 80.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2311-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS250/PN40/A110</b>  <b>Tag: 14-LIT-015</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 kg/m³ Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless</p>
----	---	---

31	1	<p>Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 91.0 inch  Measuring range: 91.0 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZTS250/PN40/A110  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M2311  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 91 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX86.FADAC1HXANAM</b>  eID: US34261832  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 109.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter/height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature : Ceramic graphite / with / -196...+280°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : <b>101.000 inch</b>  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 49.6</p> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1572-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185/PN25/R48H</b>  <b>Tag: 14-LIT-201</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)</p>
----	---	--

32	4	<p>Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 61.875 inch  Measuring range: 61.875 inch  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: MNPT Nipple 3/4" for valve (by others)  Drain connection: MNPT Nipple 3/4" for valve (by others)  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 3.9 inch  Bottom stand-off (U): 21.0 inch  Nameplate: Stainless steel laser printed</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 7,9 inch  Radar connection stand-off: 10.0 inch  Side chamber bottom stand-off: 10.0 inch  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>MRF/SAP-M1572  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 61.875 inch  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: %</p> <p><b>w/RADAR Transmitter FX81.FADACFHANAM</b>  eID: US34254654  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version /  Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 79.875 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 71.875 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
		<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tags: 24-LIT-221, 24-LIT-222, 24-LIT-101, 24-LIT-102</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³  Design code: ASME B31.3</p>

		<p>Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 762 mm  Measuring range: 762 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Weight: 23.0 kg  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M762  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 762 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>W/RADAR Transmitter FX81.FADACDHXANAM</b>  <b>eID: US34249513</b>  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 48.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 40.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
33	4	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tags: 24-LIT-063, 24-LIT-064, 24-LIT-183, 24-LIT-184</b></p>

Magnetic Level Gauge Type BNA-SD00  
 Pressure: 50 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m<sup>3</sup>  
 Design code: ASME B31.3  
 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  
 Duo stainless steel 316/316L (EN 1.4401/1.4404)  
 Joint design: Slip on welds not permitted, only welding-neck flanges allowed  
 Process connection: CS Flange ASME B16.5 2" 300# Form RF  
 Distance C-to-C: 610 mm  
 Measuring range: 610 mm  
 Chamber end top: Pipe cap  
 Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  
 Vent connection: Butt weld end 3/4"  
 Drain connection: Butt weld end 3/4"  
 Float: ZVSS185/PN25/R48H  
 Dampening element: Dampening spring, bottom & top, with cover  
 Gasket(s): Spiral wound type, SS 316L/Graphite  
 Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  
 Top stand-off (T): 100 mm  
 Bottom stand-off (U): 250 mm  
 Nameplate: Stainless steel laser printed  
 Includes Bottom: Mag Trap  
 -316ss/ CS construction  
 -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  
 -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug

Dual Chamber (DUplus)  
 Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  
 Location of secondary chamber: 3 o'clock (right side of MLG chamber)  
 Process connection GT: Flange ASME B16.5 2" 300# Form RF  
 Distance between chambers center lines: 200 mm  
 Radar connection stand-off: 254 mm  
 Side chamber bottom stand-off: 254 mm  
 Insertion external sensor: With  
 MRF-M610  
 Level Indicator for Magnetic Level Gauge Type BMD-FA  
 Measuring range: 610 mm  
 Housing material: Aluminum anodized  
 Indicating elements: Stainless steel flaps Red & white  
 Graduated scale: Aluminum engraved Graduation unit: inch  
 \*1" Insulation jacket included\*

**W/RADAR Transmitter FX81.FADACKHXANAM**

eID: US34250386  
 Scope F : USA  
 Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  
 Version / Material D : Exchangeable cable (ø2mm) with centering weight /  
 316 Probe : mounted  
 Length (from seal surface) : 42.000 inch  
 Length of rigid part : 3.937 inch  
 Dimensions centering weight (diameter / height)  
 : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  
 Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  
 Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  
 Electronics H : Two-wire 4 ... 20 mA/HART  
 Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  
 Cable entry / Connection N : ½NPT / Blind plug  
 Display/Adjustment module PLICSCOM A : mounted  
 Certificates M : Yes  
 Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  
 PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  
 Supply certificates : with goods  
 Measurement loop identification label : of Stainless Steel  
 Customer-specific adjustment : Yes  
 - Unit : inch  
 - 100 % (distance from seal surface) : 10.000 inch  
 - 0 % (distance from seal surface) : 34.000 inch  
 Linearization : No  
 Min. process pressure in bar : -1.000  
 Max. process pressure in bar : 40.0

34	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M4242-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF</b>  <b>TAG # 24-LIT-001, 24-LIT-004</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure:100 psi ; Temp.: 14°F...300 °F; Fluid density: 1005 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection (4): CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 4242 mm  Measuring range: 4242 mm Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS300/PN25/R48H-INTF  Dampening element: Dampening spring, bottom, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M4242  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 1778 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  <b>*Includes 1" Insulation*</b></p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34248446  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 185.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 /  316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 177.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
----	---	---

35	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>Tags: 24-LIT-002, 24-LIT-003</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 610 mm  Measuring range: 610 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Weight: 23.0 kg  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M610</p> <p>Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 610 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  <b>*1" Insulation jacket included*</b></p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34248543  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 42.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry /  Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 +  NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p>
----	---	---

		<ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 34.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
36	3	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M3048-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tags: 24-LIT-041, 24-LIT-161, 24-LIT-042</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 3048 mm  Measuring range: 3048 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M3048  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 3048 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  <b>*1" Insulation jacket included*</b></p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34252132  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 138.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)</p>

		<p>PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 130.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
37	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M914-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tag: 24-LIT-061, 24-LIT-181</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 100 psi ; Temp.: 14°F...357 °F; Fluid density: 920 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 914 mm  Measuring range: 914 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M914  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 914 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34252229  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 54.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART</p>

38	1	<p>Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p> <ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 46.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M3047-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>TAG # : 24-LIT-041</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure:263 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Process connection(4): CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 3047 mm  Measuring range: 3047 mm Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M3047  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 1778 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34252132  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 138.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter /  height)  1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 /</p>
----	---	--

		<p>316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes</p> <ul style="list-style-type: none"> <li>- Unit : inch</li> <li>- 100 % (distance from seal surface) : 10.000 inch</li> <li>- 0 % (distance from seal surface) : 130.000 inch</li> </ul> <p>Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
39	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>Tags: 26-LIT-044</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 762 mm  Measuring range: 762 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Weight: 23.0 kg  Includes Bottom: Mag Trap  -316s/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M762  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 762 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34249513  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 48.000 inch</p>

		<p>Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 40.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
40	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>Tags: 26-LIT-004</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 762 mm  Measuring range: 762 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Weight: 23.0 kg  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M762  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 762 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34249513  Scope F : USA</p>

		<p>Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 48.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 40.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
41	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1,499-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF</b>  <b>Tag: 26-LIT-001</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 / 960 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection(3): CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 1499 mm  Measuring range: 1499 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS300/PN25/R48H-INTF  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M1499  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 1499 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p>

		<p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34250774  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 77.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½ NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 69.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
42	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1,499-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF</b>  <b>Tag: 26-LIT-002</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 / 960 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection(3): CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 1499 mm  Measuring range: 1499 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS300/PN25/R48H-INTF  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M1499  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 1499 mm  Housing material: Aluminum anodized</p>

43	1	<p>Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34250774  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 77.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½ NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 69.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M603-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>Tags: 26-LIT-261</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 603 mm  Measuring range: 603 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug  Weight: 23.0 kg</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With</p>
----	---	---

		<p>MRF-M603  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 603 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>W/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34250386  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 42.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 34.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
44	3	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M4115-L/CS 60x2.77/60x2.77-MRF-ZVSS185/PN25/R48H</b>  <b>Tag: 26-LIT-332, 26-LIT-232, 26-LIT-132</b></p> <p><b>Magnetic Level Gauge Type BNA-SD00</b>  Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 940 kg/m<sup>3</sup>  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 4115 mm  Measuring range: 4115 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF</p>

45	1	<p>Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With MRF-M4115  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 4115 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34250968  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted  Length (from seal surface) : 180.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 172.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H</b>  <b>Tags: 26-LIT-361</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 610 mm  Measuring range: 610 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Weight: 23.0 kg  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p>
----	---	--

		<p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M610  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 610 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34250386  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 42.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 34.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
46	1	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  BNA/DU-2"/300/RF-M632-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H  Tags: 26-LIT-161</p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 632 mm  Measuring range: 632 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZTSS215/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed</p>

		<p>Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M632  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 632 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>  eID: US34251065  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 42.875 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 34.875 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
47	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2540-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tags: 28-LIT-020, 28-LIT-021A</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 989 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 2540 mm  Measuring range: 2540 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite</p>

		<p>Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M2540  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 2540 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included</p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34251162  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 118.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 110.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p>
48	2	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2032-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tags: 28-LIT-022, 28-LIT-023A</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 971 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF  Distance C-to-C: 2032 mm  Measuring range: 2032 mm  Chamber end top: Pipe cap  Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF</p>

49	2	<p>Vent connection: Butt weld end 3/4"  Drain connection: Butt weld end 3/4"  Float: ZVSS185/PN25/R48H  Dampening element: Dampening spring, bottom &amp; top, with cover  Gasket(s): Spiral wound type, SS 316L/Graphite  Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  Top stand-off (T): 100 mm  Bottom stand-off (U): 250 mm  Nameplate: Stainless steel laser printed  Includes Bottom: Mag Trap  -316ss/ CS construction  -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  -Bottom: CS 2" 300# RFWN with blind mating flange &amp; 1/2" NPT Drain and Plug</p> <p>Dual Chamber (DUplus)  Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  Location of secondary chamber: 3 o'clock (right side of MLG chamber)  Process connection GT: Flange ASME B16.5 2" 300# Form RF  Distance between chambers center lines: 200 mm  Radar connection stand-off: 254 mm  Side chamber bottom stand-off: 254 mm  Insertion external sensor: With  MRF-M2032  Level Indicator for Magnetic Level Gauge Type BMD-FA  Measuring range: 2032 mm  Housing material: Aluminum anodized  Indicating elements: Stainless steel flaps Red &amp; white  Graduated scale: Aluminum engraved Graduation unit: inch  *1" Insulation jacket included*</p> <p><b>W/RADAR Transmitter FX81.FADACDHXANAM</b>  eID: US34251356  Scope F : USA  Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  Version / Material D : Exchangeable cable (ø2mm) with centering weight /  316 Probe : mounted  Length (from seal surface) : 98.000 inch  Length of rigid part : 3.937 inch  Dimensions centering weight (diameter / height)  : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C  Electronics H : Two-wire 4 ... 20 mA/HART  Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  Cable entry / Connection N : ½NPT / Blind plug  Display/Adjustment module PLICSCOM A : mounted  Certificates M : Yes  Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  Supply certificates : with goods  Measurement loop identification label : of Stainless Steel  Customer-specific adjustment : Yes  - Unit : inch  - 100 % (distance from seal surface) : 10.000 inch  - 0 % (distance from seal surface) : 90.000 inch  Linearization : No  Min. process pressure in bar : -1.000  Max. process pressure in bar : 40.0</p> <hr/> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M1524-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tag: 28-LIT-122, 28-LIT-123</b></p> <p>Magnetic Level Gauge Type BNA-SD00  Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³  Design code: ASME B31.3  Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)  Duo stainless steel 316/316L (EN 1.4401/1.4404)  Joint design: Slip on welds not permitted, only welding-neck flanges allowed  Process connection: CS Flange ASME B16.5 2" 300# Form RF</p>
----	---	--

Distance C-to-C: 1524 mm  
 Measuring range: 1524 mm  
 Chamber end top: Pipe cap  
 Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF  
 Vent connection: Butt weld end 3/4"  
 Drain connection: Butt weld end 3/4"  
 Float: ZVSS185/PN25/R48H  
 Dampening element: Dampening spring, bottom & top, with cover  
 Gasket(s): Spiral wound type, SS 316L/Graphite  
 Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG  
 Top stand-off (T): 100 mm  
 Bottom stand-off (U): 250 mm  
 Nameplate: Stainless steel laser printed  
 Includes Bottom: Mag Trap  
 -316ss/ CS construction  
 -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange  
 -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug

Dual Chamber (DUplus)  
 Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S)  
 Location of secondary chamber: 3 o'clock (right side of MLG chamber)  
 Process connection GT: Flange ASME B16.5 2" 300# Form RF  
 Distance between chambers center lines: 200 mm  
 Radar connection stand-off: 254 mm  
 Side chamber bottom stand-off: 254 mm  
 Insertion external sensor: With  
 MRF-M1524  
 Level Indicator for Magnetic Level Gauge Type BMD-FA  
 Measuring range: 1524 mm  
 Housing material: Aluminum anodized  
 Indicating elements: Stainless steel flaps Red & white  
 Graduated scale: Aluminum engraved Graduation unit: inch

**w/RADAR Transmitter FX81.FADACFHANAM**

eID: US34251550  
 Scope F : USA  
 Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG  
 Version / Material D : Exchangeable cable (ø2mm) with centering weight /  
 316 Probe : mounted  
 Length (from seal surface) : 78.000 inch  
 Length of rigid part : 3.937 inch  
 Dimensions centering weight (diameter / height)  
 : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)  
 Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /  
 Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C  
 Electronics H : Two-wire 4 ... 20 mA/HART  
 Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)  
 Cable entry / Connection N : ½ NPT / Blind plug  
 Display/Adjustment module PLICSCOM A : mounted  
 Certificates M : Yes  
 Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)  
 PMI test : RFA (positive material identification) incl. 3.1 inspection certificate  
 Supply certificates : with goods  
 Measurement loop identification label : of Stainless Steel  
 Customer-specific adjustment : Yes  
 - Unit : inch  
 - 100 % (distance from seal surface) : 10.000 inch  
 - 0 % (distance from seal surface) : 70.000 inch  
 Linearization : No  
 Min. process pressure in bar : -1.000  
 Max. process pressure in bar : 40.0

**Delivery Time**

- 22 – 26 Weeks after receiving ARAD and Advanced Payment done

		<b>Estimated Volume &amp; Gross Weight – To be informed</b>
--	--	---