



# Sales Quote

**INDUSTRIAL BUSINESS INTL CORP**

1580 Sawgrass Corporate Parkway  
 Suite 130, Sunrise, FL 33323  
 Tel: 954-302-3187, 315-4781  
 Fax: 954-838-7746  
 E-mail: [ibicorp@intech-ie.com](mailto:ibicorp@intech-ie.com)  
 Tax Certificate No. 16-8012998465-1

**Quote #** IBI-2026-0014  
**Date:** Jan 28th, 2026  
**Customer ID** PETROPIAR - VEN

<b>Bill To:</b>
<b>Chevron PetroPiar</b> Complejo Petrolero y Petroquimico Jose, Edo Anzoategui, Venezuela Att: Audrey Villaroel – Ing. Costos <a href="mailto:corderoni@petropiar.pdvs.com">corderoni@petropiar.pdvs.com</a>

<b>Ship To:</b>
Custom Agent to be informed at La Guaira port, Venezuela

Your #	Our #	Sales Rep	CIF	SHIP VIA	Terms	Validity
26-IC57	IBI-2025-0027/ 2026-0014	L. Zuñiga W. Brito	La Guaira Port	BWPPD	See below	90 days

Item	Qty	Units	Description	Unit Pr (US\$)	Total (US\$)
1	40	Pzas	No cotizamos	-	-
2	20	Pzas	No cotizamos	-	-
3	2	Eqp	<b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b> <b>BNA/DU-2"/300/RF-M0610-L/CS 60x2.77/60x2,77-MRF-ZTSS50x240mm, SS</b> <b>TAGS 10-LIT-357, 10-LIT-358</b> <b>SAP 1114399</b>  Magnetic Level Gauge Type BNA-SD00 Pressure: 50.0 psi ; Temp.: 14°F...470 °F; Fluid density: 830 kg/m³ Service: TOTAL Level 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: 610 mm (24") Measuring range: 610 mm (24") Chamber end top: Flat Cap w/ 3/4" NPT Vent & Plug Chamber end bottom: 300# Slip on Flange and Blind Mating Flange w/ 3/4" NPT Drain & Plug Plug Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float:50 x 225mm, 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 & 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: 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	\$36,730.00	\$73,460.00



			<p>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  <u>INCLUDES INSULATION JACKET</u></p> <p><b>W/RADAR Transmitter FX86.FAJA12HXANAM</b>          eID: US34495505          TDR sensor for continuous level and <b>INTERFACE</b> measurement of liquids Scope F : USA          Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG          Version / Material J : Exchangeable cable (ø4mm) with centering weight / Alloy C22 (2.4602) Probe : mounted          Length (from seal surface) : 42.000 inch          Length of rigid part : 3.937 inch          Dimensions centering weight (diameter/height)          1.57in / 1.18in (for 2" Schedule 160)          Process fitting / Material A1 : Flange 2" 300lb RF, ASME B16.5 / Alloy C22 (2.4602) solid Seal / Second line of defense /          Process temperature : Ceramic graphite / with / -196...+400°C          Electronics H : Two-wire 4 ... 20 mA/HART          Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC , Model USB63-48.N          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)          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) : 34.000 inch          Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 51.7          Customs tariff number (HS code) : 90261029</p>		
4.1	2	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M0610-L/CS 60x2.77/60x2,77-MRF-ZTSS50x225mm, SS</b>  <b>TAG 10-LIT-351, 10-LIT-355</b>  <b>SAP 1114398</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 50.0 psi ; Temp.: 14°F...290 °F; Fluid density: 850 kg/m³          Service: TOTAL Level          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: 610 mm (24")          Measuring range: 610 mm (24")          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 225mm, 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</p>	\$36,730.00	\$73,460.00



			<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: 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-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  <u>INCLUDES INSULATION JACKET</u></p> <p><b>w/RADAR Transmitter FX81.FADACDHXANAM</b>          eID: US34490364          TDR sensor for continuous level and <b>INTERFACE</b> measurement of liquids 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          Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,          Model USB63-48.N          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) : 34.000 inch          Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 40.0          Customs tariff number (HS code) : 90261029</p>		
4.2	2	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M0610-L/CS 60x2.77/60x2,77-MRF-ZTSS50 x 350mm, HAST C-276</b>  <b>TAGS 10-LIT-352, 10-LIT-356</b>  <b>SAP 1114400</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 50.0 psi ; Temp.: 14°F...640 °F; Fluid density: 820 kg/m³          Service: TOTAL Level          Design code: ASME B31.3          Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S)          Duo stainless steel 317/317L (EN 1.4401/1.4404)          Process connection: CS Flange ASME B16.5 2" 300# Form RF</p>	\$36,730.00	\$73,460.00

Distance C-to-C: 610 mm (24")  
 Measuring range: 610 mm (24")  
 Chamber end top: Flat Cap w/ 3/4" NPT Vent & Plug  
 Chamber end bottom: 300# Slip on Flange and Blind Mating Flange w/ 3/4" NPT Drain & Plug  
 Vent connection: Butt weld end 3/4"  
 Drain connection: Butt weld end 3/4"  
 Float: 50 x 350mm, HASTEALLOY C-276  
 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  
 -317ss/ CS construction  
 -317SS 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: 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-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  
INCLUDES INSULATION JACKET

**w/RADAR Transmitter FX86.FADAC3HXANAM**

**eID: US34495796**

TDR sensor for continuous level and **INTERFACE** measurement of liquids 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 : PEEK-FFKM (Kalrez 6375) / with / -20...+250°C  
 Electronics H : Two-wire 4 ... 20 mA/HART  
 Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,  
 Model USB63-48.N  
 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) : 34.000 inch

 Linearization : No  
 Min. process pressure in bar : -1.000  
 Max. process pressure in bar : 49.6  
 Customs tariff number (HS code) : 90261029



4.3	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2,77-MRF-ZTS620/PN28/R48H</b>  <b>Tag: 18-LIT-161</b>  <b>SAP 1138077</b></p> <p>Magnetic Level Gauge Type BNA-SD00      Pressure: 405 psi ; Temp.: 14°F...315 °F; Fluid density: 432 - 462 kg/m<sup>3</sup>      Service: TOTAL Level      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: 610 mm (24")      Measuring range: 610 mm (24")      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: ZTS620/PN28/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): 680 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-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  <u>INCLUDES INSULATION JACKET</u></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      Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,      Model USB63-48.N      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</p>	\$37,680.00	\$37,680.00
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			<p>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>		
5	4	Eqp	<p><b>ENDRESS &amp; HAUSER, MICROPILOT, FMR87,</b>          TRANSMISOR, VARIABLE NIVEL, MONTAJE BRIDA, C/KIT DE INSTALACION, FUNCION MEDICION DE NIVEL, CAJA ALUMINIO, NEMA 4X, RANGO VARIABLE DE SALIDA 4-20 MA / PROTOCOLO HART, VOLTAJE 110 V / 60 HZ, TAMAÑO Y TIPO DE CONEXION 8 IN BRIDADA, CONEXION AL PROCESO 8 IN ANSI 150 RF, CONEXION ELECTRICA 3/4 IN NPT, TIPO RADAR, PROTECCIÓN EXPLOSION PROOF, CLASE 1 DIV 1, ELEMENTO DE MEDICION ANTENA CONICA, TIPO DE SENSOR ANTENA CONICA 8 IN, SS 316L, MATERIAL DEL SENSOR ACERO INOXIDABLE 316L.</p>	\$18,500.00	\$74,000.00
6	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M7011-L/CS 60x2.77/60x2,77-MRF-ZTSS50x185mm, SS</b>  <b>TAG 10-LIT-151</b>  <b>SAP 1114396</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 60.0 psi ; Temp.: 14°F...340 °F; Fluid density: 881 kg/m<sup>3</sup>          Service: TOTAL Level          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: 7011 mm (276")          Measuring range: 7011 mm (276")          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 225mm, 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-M7011          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 7011 mm (276")          Housing material: Aluminum anodized          Indicating elements: Stainless steel flaps Red &amp; white          Graduated scale: Aluminum engraved Graduation unit: inch</p>	\$88,480.00	\$88,480.00



			<p><u>INCLUDES INSULATION JACKET</u></p> <p><b>w/RADAR Transmitter FX81.FADACKHXANAM</b>          eID: US34489782          TDR sensor for continuous level and <b>INTERFACE</b> measurement of liquids 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) : 254.000 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          Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,          Model USB63-48.N          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 : 1          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) : 286.000 inch          Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 40.0          Customs tariff number (HS code) : 90261029</p>		
7	5	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M813-L/CS 60x2.77/60x2,77-MRF-ZTS200/PN25/A110</b>  <b>Tag: 12-LIT-236, 12-LIT-246, 12-LIT-256</b>  <b>Two (2) Tags to be defined</b>  <b>SAP 1138069</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 285 psi ; Temp.: 14°F...425 °F; Fluid density: 880 – 1000 kg/m³          Service: TOTAL Level          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: 813 mm (32")          Measuring range: 813 mm (32")          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: ZTS200/PN25/A110          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>	\$44,690.00	\$223,045.00



			<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-M813          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 813 mm (32")          Housing material: Aluminum anodized          Indicating elements: Stainless steel flaps Red &amp; white          Graduated scale: Aluminum engraved Graduation unit: inch  <u>INCLUDES INSULATION JACKET</u></p> <p><b>w/RADAR Transmitter FX86.FA4AC1HXANAM</b>          eID: US34275315          Scope F : USA          Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG          Version / Material : Coax (ø42.2mm) with multiple hole and reference distance /          316L Length of the reference distance : 750 mm / 29.53 in          Length (from seal surface) : 78.000 inch          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          Supplementary electronics X : without          Overvoltage protection of the supply cable without          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) : 38.000 inch          - 0 % (distance from seal surface) : 70.000 inch          Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 49.6</p>		
8	3	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant</b>  <b>BNA/DU-2"/300/RF-M1981-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tag:12-LI-725, 12-LIT-726</b>  <b>Tag: To be defined</b>  <b>SAP 1138071</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 75 psi ; Temp.: 14°F...400 °F; Fluid density: 902 - 920 kg/m³          Service: TOTAL Level          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: 1981 mm (78")          Measuring range: 1981 mm (78")          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, with cover          Gasket(s): Spiral wound type, SS 316L/Graphite</p>	\$35,330.00	\$105,990.00



			<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: 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-M1981        Level Indicator for Magnetic Level Gauge Type BMD-FA        Measuring range: 1981 mm (78")        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 FX86.FADAC1HXANAM</b>        eID: US34279777        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) : 96.000 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        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,        Model USB63-48.N        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) : 88.000 inch        Linearization : No        Min. process pressure in bar : -1.000        Max. process pressure in bar : 49.6</p>		
9.1	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1016-L/CS 60x2.77/60x2,77-MRF-ZTS300/PN25/R48H-INTF</b>  <b>Tag: 12-LIT-516</b>  <b>SAP 1138082</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 150 psi ; Temp.: 14°F...200 °F; Fluid density: 540 - 560 kg/m³        Service: TOTAL Level        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)</p>	\$27,750.00	\$27,750.00

Process connection: CS Flange ASME B16.5 2" 300# Form RF  
 Distance C-to-C: 1016 mm (40")  
 Measuring range: 1016 mm (40")  
 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: ZTS300/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): 200 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: 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-M1016  
 Level Indicator for Magnetic Level Gauge Type BMD-FA  
 Measuring range: 1016 mm (40")  
 Housing material: Aluminum anodized  
 Indicating elements: Stainless steel flaps Red & white  
 Graduated scale: Aluminum engraved Graduation unit: inch

**w/Radar Transmitter FX81.FADACDHXANAM**

eID: US34275800  
 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) : 58.000 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  
 Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,  
 Model USB63-48.N  
 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) : 50.000 inch  
 Linearization : No  
 Min. process pressure in bar : -1.000  
 Max. process pressure in bar : 40.0



9.2	4	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1016-L/CS 60x2.77/60x2,77-MRF-ZTS300/PN25/R48H-INTF</b>  <b>Tag: 12-LIT-697, 12-LI-698</b>  <b>Two (2) Tags to be defined</b>  <b>SAP 1138082</b></p> <p>Magnetic Level Gauge Type BNA-SD00      Pressure: 150 psi ; Temp.: 14°F...150 °F; Fluid density: 710 / 990- 1000 kg/m<sup>3</sup>      Service: <b>INTERFACE</b> Level      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: 1016 mm (40")      Measuring range: 1016 mm (40")      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: ZTS300/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): 200 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-M1016      Level Indicator for Magnetic Level Gauge Type BMD-FA      Measuring range: 1016 mm (40")      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: US34275800      TDR sensor for continuous level and INTERFACE measurement of liquids 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) : 58.000 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      Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,      Model USB63-48.N      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>	\$27,750.00	\$111,000.00
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10	1	Eqp	<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) : 50.000 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-M3658-L/CS 60x2.77/60x2,77-MRF-ZVSS275/PN25/R48H</b>  <b>Tag:12-LIT-707</b>  <b>SAP 1138083</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 100 psi ; Temp.: 14°F...155 °F; Fluid density: 710 - 1000 kg/m<sup>3</sup>        Service: TOTAL Level        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: 3658 mm (144")        Measuring range: 3658 mm (144")        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: ZVSS275/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): 320 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-M3658        Level Indicator for Magnetic Level Gauge Type BMD-FA        Measuring range: 3658 mm (144")        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: US34276188        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) : 162.000 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</p>	\$35,820.00	\$35,820.00



		<p>Electronics H : Two-wire 4 ... 20 mA/HART          Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC , Model USB63-48.N          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) : 154.000 inch          Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 40.0</p>		
11	1	<p>Eqp</p> <p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1829-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H</b>  <b>Tag:12-LI-715</b>  <b>SAP 1138084</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 50 psi ; Temp.: 14°F...150 °F; Fluid density: 1200 kg/m³          Service: TOTAL Level          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: 1829 mm (72")          Measuring range: 1829 mm (72")          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, 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): 220 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-M1829          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 1829 mm (72")          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.FADACDHANAM</b>          eID: US34257758          Scope F : USA</p>	\$30,050.00	\$30,050.00



			<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) : 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        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,        Model USB63-48.N        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>		
12	2	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1473-L/CS 60x2.77/60x2,77-MRF-ZVSS300/PN25/R48H</b>  <b>Tag:12-LIT-336, 12-LIT-335</b>  <b>SAP 1138085</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 50 psi ; Temp.: 14°F...155 °F; Fluid density: 740 / 990 kg/m³        Service: <b>INTERFACE</b> Level        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: 1473 mm (58")        Measuring range: 1473 mm (58")        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: ZVSS300/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): 340 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</p>	\$29,310.00	\$58,620.00



			<p>MRF-M1473        Level Indicator for Magnetic Level Gauge Type BMD-FA        Measuring range: 1473 mm (58")        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: US34276673        TDR sensor for continuous level and INTERFACE measurement of liquids 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) : 76.000 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        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,        Model USB63-48.N        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) : 68.000 inch        Linearization : No        Min. process pressure in bar : -1.000        Max. process pressure in bar : 40.0</p>		
13	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M356-L/CS 60x2.77/60x2,77-MRF-ZVSS300/PN25/R48H-INTF</b>  <b>Tag:12-LIT-695</b>  <b>SAP 1138086</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 50 psi ; Temp.: 14°F...155 °F; Fluid density: 710 - 730 kg/m³        Service: TOTAL Level        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: 356 mm (14")        Measuring range: 356 mm (14")        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: ZVSS300/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): 340 mm        Nameplate: Stainless steel laser printed        Includes Bottom: Mag Trap        -316ss/ CS construction        -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange</p>	\$25,430.00	\$25,430.00

			<p>-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-M356        Level Indicator for Magnetic Level Gauge Type BMD-FA        Measuring range: 356 mm (14")        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: 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 D : FFKM (Kalrez 6375) / without / -20...+150°C        Electronics H : Two-wire 4 ... 20 mA/HART        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,        Model USB63-48.N        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) : 24.000 inch        Linearization : No        Min. process pressure in bar : -1.000        Max. process pressure in bar : 40.0</p>		
14	2	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M356-L/CS 60x2.77/60x2,77-MRF-ZVSS300/PN25/R48H-INTF</b>  <b>Tag:12-LIT-425, 12-LIT-426</b>  <b>SAP 1138087</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 50 psi ; Temp.: 14°F...650 °F; Fluid density: 830 / 980 kg/m³        Service: <b>INTERFACE</b> Level        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: 356 mm (14")        Measuring range: 356 mm (14")        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"</p>	\$31,550.00	\$31,550.00



			<p>Float: ZVSS300/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): 340 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-M356        Level Indicator for Magnetic Level Gauge Type BMD-FA        Measuring range: 356 mm (14")        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 FX86.FADAC2HXANAM</b>        eID: US34276964        TDR sensor for continuous level and INTERFACE measurement of liquids 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 : Ceramic graphite / with / -196 ... +450°C        Electronics H : Two-wire 4 ... 20 mA/HART        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,        Model USB63-48.N        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) : 24.000 inch        Linearization : No        Min. process pressure in bar : -1.000        Max. process pressure in bar : 49.6</p>		
15	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1626-L/CS 60x2.77/60x2,77-MRF-ZVSS275/PN25/R48H</b>  <b>Tag:12-LIT-660</b>  <b>SAP 1138088</b></p> <p>Magnetic Level Gauge Type BNA-SD00        Pressure: 50 psi ; Temp.: 14°F...160 °F; Fluid density: 740 - 1000 kg/m³        Service: TOTAL Level</p>	\$29,480.00	\$29,480.00

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: 1626 mm (64")  
 Measuring range: 1626 mm (64")  
 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: ZVSS275/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): 300 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: 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-M1626  
 Level Indicator for Magnetic Level Gauge Type BMD-FA  
 Measuring range: 1626 mm (64")  
 Housing material: Aluminum anodized  
 Indicating elements: Stainless steel flaps Red & white  
 Graduated scale: Aluminum engraved Graduation unit: inch

**W/RADAR Transmitter FX81.FADACDHXANAM**

eID: US34275994  
 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) : 82.000 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  
 Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,  
 Model USB63-48.N  
 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) : 74.000 inch  
 Linearization : No  
 Min. process pressure in bar : -1.000



			Max. process pressure in bar : 40.0		
16	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M1143-L/CS 60x2.77/60x2,77-MRF-ZVSS275/PN25/R48H</b>  <b>Tag:12-LIT-338</b>  <b>SAP 1138089</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 50 psi ; Temp.: 14°F...155 °F; Fluid density: 740 - 750 kg/m³          Service: TOTAL Level          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: 1143 mm          Measuring range: 1143 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: ZVSS275/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): 300 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-M1143          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 1143 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: US34277934          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) : 45.000 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          Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC ,          Model USB63-48.N          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</p>	\$27,680.00	\$27,680.00



			<p>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) : 55.000 inch</li> </ul> <p>Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 40.0</p>		
17	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/600/RF-M533-L/CS 60x3.91/60x3.91-MRF-ZTS45/360/PN51/A125</b>  <b>Tag:12-LI-375</b>  <b>SAP 1138090</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 737 psi ; Temp.: 14°F...750 °F; Fluid density: 860 – 1000 kg/m<sup>3</sup>          Service: TOTAL Level          Design code: ASME B31.3          Chamber dimensions: OD 60.3 x 3.91 mm (2" Sch. 40S)          Duo stainless steel 316/316L (EN 1.4401/1.4404)          Process connection: CS Flange ASME B16.5 2" <b>600#</b> Form RF          Distance C-to-C: 533 mm          Measuring range: 533 mm          Chamber end top: Pipe cap          Chamber end bottom: CS Flange ASME B16.5 2" <b>600#</b> Form RF          Vent connection: Butt weld end 3/4"          Drain connection: Butt weld end 3/4"          Float: ZTS45/360/PN51/A125          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): 400 mm          Includes Bottom: Mag Trap          -316ss/ CS construction          -316SS 2" x 2" Tee with 2" CS <b>600#</b> 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 3.91 mm (2" Sch. 40S)          Location of secondary chamber: 3 o'clock (right side of MLG chamber)          Process connection GT: CS Flange ASME B16.5 2" <b>600#</b> 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-M533          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 533 mm          Housing material: Aluminum anodized          Indicating elements: Stainless steel flaps Red &amp; white          Graduated scale: Aluminum engraved Graduation unit: inch  <u>INCLUDES INSULATION JACKET</u></p> <p><b>w/RADAR Transmitter FX86.FA4AL2HXANAM</b>          eID: US34278807          Scope F : USA          Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG          Version / Material 4 : Coax (ø42.2mm) with multiple hole and reference distance / 316L          Length (from seal surface) : 29,53"          Process fitting / Material AL : Flange 2" <b>600lb</b> RF, ASME B16.5 /          316/316L Seal / Second line of defense /          Process temperature: Ceramic graphite / with / -196 ... +450°C Electronics H : Two-wire 4          ... 20 mA/HART</p>	\$47,810.00	\$47,810.00



			<p>Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC , Model USB63-48.N          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) : 38.000 inch</li> <li>- 0 % (distance from seal surface) : 59.000 inch</li> </ul> <p>Linearization : No          Min. process pressure in bar : -1.000          Max. process pressure in bar : 99.3</p>		
18	1	Eqp	<p><b>WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant</b>  <b>BNA/DU-2"/300/RF-M2997-L/CS 60x2.77/60x2,77-MRF-ZTS240/PN25/A125</b>  <b>Tag:12-LI-432</b>  <b>SAP 1138091</b></p> <p>Magnetic Level Gauge Type BNA-SD00          Pressure: 50 psi ; Temp.: 14°F...650 °F; Fluid density: 980 kg/m³          Service: TOTAL Level          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: 2997 mm          Measuring range: 2997 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: ZTS240/PN25/A125          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): 300 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-M2997          Level Indicator for Magnetic Level Gauge Type BMD-FA          Measuring range: 2997 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 FX86.FA4AC2HXANAM</b>          eID: US34279195          Scope F : USA          Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG</p>	\$44,310.00	\$44,310.00



		<p>Version / Material 4 : Coax (ø42.2mm) with multiple hole and reference distance / 316L        Length (from seal surface) : 138.000 inch        Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense /        Process temperature : Ceramic graphite / with / -196 ... +450°C        Electronics H : Two-wire 4 ... 20 mA/HART        Supplementary electronics X : with Overvoltage protection of the supply cable 24 VDC , Model USB63-48.N        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) : 38.000 inch        - 0 % (distance from seal surface) : 156.000 inch        Linearization : No        Min. process pressure in bar : -1.000        Max. process pressure in bar : 49.6</p>		
		<p><b>Technical Notes</b>  <b>Included on each System:</b></p> <ul style="list-style-type: none"> <li>- <b>Approval Drawings</b></li> <li>- <b>Hydrostatic Pressure Test 1.5x Flange Rating for 10 min @ ambient</b></li> <li>- <b>NACE MR0175 Certificate</b></li> <li>- <b>Material Test Reports with Tagging Information on each</b></li> <li>- <b>Positive Material Identification w/o Carbon Content (10) shots per unit</b></li> <li>- <b>100% Xray</b></li> <li>- <b>Liquid Dye Penetrant</b></li> <li>- <b>Package/ Handling (per Lot)</b></li> </ul>		
		<p><b>Delivery Time</b>        20 – 24 weeks ARAD and payment of 1<sup>st</sup> milestone        Progressive Partial Shipments Allowed</p> <p><b>Payment Terms</b>        50% with Your Order        50% with Shipment from Manufacturer to Venezuelan Port</p> <p><b>Volume &amp; Weight</b>        Weight and Volume to be advised        IPPC Stamped Sea Freight Export Wood Crate</p> <p><b>Cci: Williams Brito – INTECH Lecherias</b></p>		



**INDUSTRIAL BUSINESS INTL CORP**

1580 Sawgrass Corporate Parkway  
Suite 130, Sunrise, FL 33323  
Tel: 954-302-3187, 315-4781  
Fax: 954-838-7746  
E-mail: ibicorp@intech-ie.com

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**PLEASE TRANSFER TO OUR ACCOUNT AT:**  
 Branch Banking & Trust Co.  
 450 North Pine Island  
 Plantation, FL 33324  
 Account #: 0140953040  
 ABA# 053-101-121  
 Routing/Transit Number: 2631-9138-7  
 Swift Code: BRBTUS33

<b>Subtotal</b>	<b>US \$</b>	\$1,219,075.00
<b>Freight</b>	<b>US \$</b>	Included
<b>Insurance</b>	<b>US \$</b>	Included
<b>Docs.</b>	<b>US \$</b>	-
<b>TOTAL</b>	<b>US \$</b>	<b>\$1,219,075.00</b>

**THANK YOU FOR YOUR BUSINESS**