



Sales Quote

INDUSTRIAL BUSINESS INTL CORP

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Tax Certificate No. 16-8012998465-1

Quote #

IBI-2025-0018

Date:

Jan 30th, 2025

Customer ID

PETROPIAR - VEN

Bill To:

Chevron PetroPiar

Complejo Petrolero y Petroquimico Jose, Edo
Anzoategui, Venezuela
Att: Nancy Cordero – Ing. Costos
corderonj@petropiar.pdvsa.com

Ship To:

Custom Agent to be informed at La Guaira port,
Venezuela

Your #	Our #	Sales Rep	CIF	SHIP VIA	Terms	Validity
Budgetary	IBI-2025-0018 / 002RP2501R2	L. Zuñiga W. Brito	Maiquetia Airport	BWPPD	See below	90 days
Item	Qty	Units	Description		Unit Pr (US\$)	Total (US\$)
1	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-100A MODEL: BNA DUplus Magnetic Level Gauge B Pressure: 360 PSI Temperature: 200 °F Fluid Density: 657 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5, 2" 300# RF Distance C-to-C: 2,591 mm Measuring range: 102" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: TITANIUM,ZTS/200/PN40/B152 Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 102" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch		27,285.00	27,285.00

			INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
2	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-105 MODEL: BNA DUplus Magnetic Level Gauge Pressure: 700 PSI Temperature: 510 °F Fluid Density: 780 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 600# RF Distance C-to-C: 1219 mm Measuring range: 48" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: TITANIUM ZTSS245 Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal)	44,100.00	44,100.00

			Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 48" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 600# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 600# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection SUPPLIED WITH INSULATION:: Insulation Jacket Insulation, material: mineral wool, with stainless steel cover. For Temp. 266°C (22-LIT-105) = 75mm of Insulator will be applied SUPPLIED WITH: Radar Transmitter - GWR – Guided Wave Radar VEGAFLEX 86 "Scope A Europa Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense P Ceramic-Graphite/ With Process temperature -196...+450°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
3	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LG-106	31,195.00	31,195.00

		MODEL: BNA DUplus Magnetic Level Gauge Pressure: 100 PSI Temperature: 300 °F Fluid Density: 918 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 1219 mm Measuring range: 48" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: STAINLESS STEEL, ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 48" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection SUPPLIED WITH INSULATION: Insulation Jacket Insulation, material: mineral wool, with stainless steel cover. For Temp. 149°C (22-LG-106) = 50mm of Insulator will be applied SUPPLIED WITH: Radar Transmitter - GWR – Guided Wave Radar VEGAFLEX 81 "Scope A Europa Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (Ø2mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) Ø40mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense P FFKM (Kalrez 6375) / With Process temperature -20...+150°C		
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			Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
4	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-107 MODEL: BNA DUplus Magnetic Level Gauge B Pressure: 360 PSI Temperature: 200 °F Fluid Density: 959 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 914 mm Measuring range: 36" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: TITANIUM,ZTSS300 Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 36" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet)	30,405.00	30,405.00

			- 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
5	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-109 MODEL: BNA DUplus Magnetic Level Gauge B Pressure:380 PSI Temperature: 200 °F Fluid Density: 399 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 762 mm Measuring range: 30" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: TITANIUM,ZTSS465/PN25/R48H Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm	27,445.00	27,445.00

			Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 30" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
6	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-301D MODEL: BNA DUplus Magnetic Level Gauge B Pressure: 50 PSI Temperature: 300 °F Fluid Density: 920 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 3,200 mm Measuring range: 126" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm	31,075.00	31,075.00

		Vent connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: STAINLESS STEEL, ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 126" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1		
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			Max. process pressure in bar SEE TABLE"		
7	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 22-LIT-302A MODEL: BNA DUplus Magnetic Level Gauge B Pressure: 150 PSI Temperature: 200 °F Fluid Density: 492 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 762 mm Measuring range: 30" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16. MNPT Nipple ¾" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¾" for valves Float: TITANIUM,ZTSS450 Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 30" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet) - 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C	27,365.00	27,365.00

			Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
8	1	Eqp	WIKA Magnetic Level Redundant System with Guided Wave Radar Transmitter for TAG# 43-LIT-003 MODEL: BNA DUplus Magnetic Level Gauge B Pressure: 54 PSI Temperature: 300 °F Fluid Density: 920 Kg/m3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: Flange ASME B16.5 2" 300# RF Distance C-to-C: 2,896 mm Measuring range: 114" Chamber end top: Pipe cap Chamber end bottom: Flange ASME B16.5 2" WIKA Standard Flange size OD 130 mm Vent connection: Flange ASME B16.5 MNPT Nipple ¼" for valves Drain connection: Flange ASME B16.5 MNPT Nipple ¼" for valves Float: STAINLESS STEEL, ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom, with cover Gasket(s): Sigraflex Universal Pro Bolting: M series, stainless steel 316 (1.4404 / A4-70) Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Distance lower process connection to end of the drain: 310 mm (max.) Side distance (X): 170 mm (maximal) Nameplate: Aluminium laser printed 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) Radar connection: Flange ASME B16.5 SEE TABLE Distance between chambers centerlines: 200 mm Radar connection stand-off: 150 mm Side chamber bottom stand-off: 120 mm Insertion of external sensor: With MRFV Level Indicator for Magnetic Level Gauge Type BMD-FR Measuring range: 114" Housing material: Stainless steel Indicating elements: Stainless steel flaps Red & white Graduated scale: Stainless steel engraved, right Graduation unit: inch INSULATION; None SUPPLIED WITH: Magnetic particle trap; type MPT Includes Bottom: Mag Trap Delivered as 2 pieces (bottom with magnet; top without magnet)	22,250.00	22,250.00



INDUSTRIAL BUSINESS INTL CORP

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Tel: 954-302-3187, 315-4781
Fax: 954-838-7746
E-mail: ibicorp@intech-ie.com

		- 316ss and CS construction - Process connection gauge side: Flange ASME B16.5 1" 300# Form RF, material: SS 316/316L - Process connection tank side: Flange ASME B16.5 2" 300# Form RF, material: CS A350 Grade LF2 * Pressure class # according to process connection RADAR Transmitter – Guided Wave Radar VEGAFLEX 81 Approval E ATEX/UKEX II 1/2G, II 2G Ex db IIC T6...T1 Ga/Gb, Gb Version / Material D Interchangeable cable (02mm) with centering weight / 316 Probe Mounted Length (from sealing surface) ACCORDING TO MEASURING RANGE Rigid long piece 100,000 mm Counterweight dimensions (diameter/height) 040mm / 30mm Process connection / material AC Flange NPS 2" Class 300# RF, ASME B16.5 / 316/316L Seal / Second line of defense PFFKM (Kalrez 6375) / With Process temperature - 20...+150°C Electronics H 4...20 mA/HART (2-wire) Additional electronics X without Optional overvoltage protection yes, VEGA B 63-48 (ATEX II 2G Ex db IIC T6...T4 Gb) Enclosure / Degree of protection A One aluminum chamber / IP66/IP68 (0.2bar) Cable entry / connection N 1/2 NPT / Blind plug Display/configuration module A Mounted PLICSCOM Certificates M yes Certificate / Standard (C) 3.1-Material inspection certificate (EN 10204 NACE MR 0175 + MR 0103) PMI test RFA (positive material identification) incl. 3.1 Material certificate Instruction manual EN - English Number of instruction manuals 1 Type of Tag / TAG Plate adhesive / stainless steel Customer-specific calibration No Linearization No Min. process pressure in bar -1 Max. process pressure in bar SEE TABLE"		
		Certificates (English): • Material Certificate 3.1, According EN 10204 3.1 (wetted parts); • Material Test Reports with Tagging Information on each; • Hydrostatic Pressure Test 1.5x Flange Rating for 10 min @ ambient; • NACE MR0175 Certificate; • Positive Material Identification w/o Carbon Content (PMI);		
		Delivery Time 20 – 22 weeks ARAD and payment Payment Terms 100 % with your Order and confirmation Volume & Weight Weight and Volume to be advised		

PLEASE TRANSFER TO OUR ACCOUNT AT:

TRUIST Bank
450 North Pine Island
Plantation, FL 33324
Account #: 0140953040
ABA# 053-101-121
Routing/Transit Number: 2631-9138-7
Swift Code: BRBTUS33

Subtotal	US \$	\$241,120.00
Freight	US \$	-
Insurance	US \$	-
Docs.	US \$	-
TOTAL	US \$	\$241,120.00

THANK YOU FOR YOUR BUSINESS