



Instrumentos y Equipos C.A

INTECH Instrumentos y Equipos C.A.

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Cotizacion

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

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

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

Sales Rep.	Your #	Our #	Destiny	Terms	Validity
L. Zuniga	VEN-RFP-PP082XXII	C-2025-0018 / A1486133_4	Venezuela	DDP Jose complex	60 days

Item	Cant	Description	Unit Price US\$	Total US\$
1	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2134-L/CS 60x2.77/60x2.77-MRF-ZTSS50 x 185mm, SS TAGS 63-LIT-121; 63-LIT-120 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...250 °F; Fluid density: 920 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 2134 mm Measuring range: 2134 mm Chamber end top: Flat Cap w/ 3/4" NPT Vent & 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 185mm, SS Dampening element: Dampening spring, bottom, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 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-M2134 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 2134 mm Housing material: Aluminum anodized	\$34,460.00	\$68,920.00

		Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch W/RADAR Transmitter FX81.FADACFHANAM eID: US34496766 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) : 102.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Operating instructions : EN - English Number of operating instructions : 2 Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 94.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
2	2	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-MG-M610-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS465/PN40/R48H Tags : 15-LIT-071, 15-LIT-101 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 470 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 24.0 inch Measuring range: 24.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS465/PN40/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Side chamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap	\$28,710.00	\$57,420.00

		-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 MRF/SAP-M610 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 24.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34248543 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height): 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 34.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
3	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/600/RF-MG-M483-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN56/A110 Tag 15-LIT-102 Magnetic Level Gauge Type BNA-SD00 Pressure: 784 psi ; Temp.: 14°F...250 °F; Fluid density: 470 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Pipe Process connection: CS Flange ASME B16.5 2" 600# Form RF Distance C-to-C: 19.0 inch Measuring range: 19.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 600# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS660/PN56/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 28.0 inch Nameplate: Stainless steel laser printed	\$38,280.00	\$38,280.00

		Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 600# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 600# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M483 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 19.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAL1HXANAM eID: US34260280 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 37.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AL : Flange 2" 600lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 29.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 99.3		
4	1	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-MG-M610-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS465/PN40/R48H Tag : 15-LIT-017 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 470 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 24.0 inch Measuring range: 24.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others)	\$33,800.00	\$33,800.00

		Float: ZTS465/PN40/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M610 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 24.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34248543 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 47.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height): 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 39.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
5	1	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/600/RF-MG-M584-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN56/A110 Tag : 15-LIT-072 Magnetic Level Gauge Type BNA-SD00 Pressure: 784 psi ; Temp.: 14°F...379 °F; Fluid density: 470 kg/m³ Design code: ASME B31.3	\$38,610.00	\$38,610.00

		Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 600# Form RF Distance C-to-C: 23.0 inch Measuring range: 23.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 600# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS660/PN56/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 28.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Side chamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 600# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 600# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M584 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 23.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAL1HXANAM eID: US34260086 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 41.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AL : Flange 2" 600lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 33.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 99.3		
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6	2	WIKA BYPASS CHAMBER BZG-2"/900/rf-M483-CS60.3x5.54 Tag : 15-LIT-073, 15-LIT-103 External Chamber Type BZG-K00 Pressure: 1810 psi , Temp: 14°F – 300°F Design code: ASME B31 3 Test Pressure: 188 bar Chamber dimensions: OD 60.3 x 5.54 mm (2" Sch 80S) Chamber material: Steel A105/106 Gr. B Joint design: Slip on welds not permitted. Only welding-neck flanges allowed Corrosion allowance: min 1.6 mm included Process connection: Flange ASME B16.5 2" 900# Form RF Process connection orientation: Side-Side Connection technology: Pipe on Pipe Distance C-to-C: 483 mm Chamber end top: Flange ASME B16.5 2" 900# Form RF Chamber end bottom: Pipe cap Vent connection: male thread ¾" NPT Vent connection orientation: 6 o'clock / 180° Drain connection: Male thread ¾" Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC Series, carbon steel A320 Gr. L7 / HDG / A194 Gr. 7 HDG Top stand-off (T): 254 mm Bottom stand-off (U) 254 mm Side distance (X) 150 mm Nameplate: Stainless steel laser printed Insertion external sensor: with w/RADAR Transmitter FX86.FADCZ1HXANAM eID: US34260183 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 37.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material CZ : Flange 2" 900lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature: Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 29.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 148	\$28,640.00	\$57,280.00
7	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M356-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS660/PN32/A110 Tags: 15-LIT-025, 15-LIT-024 Magnetic Level Gauge Type BNA-SD00 Pressure: 470 psi ; Temp.: 14°F...300 °F; Fluid density: 442 kg/m³	\$29,770.00	\$59,540.00

		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: 14.0 inch Measuring range: 14.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS660/PN32/A110 / ZTS300/PN32/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 28.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M356 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 14.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34257952 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 32.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - 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		
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8	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M3025-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110 Tag: 15-LIT-031 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...379 °F; Fluid density: 627 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 119.0 inch Measuring range: 119.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS275/PN16/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M3025 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 119.03 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % Includes Insulation Jacket 1" Ceramic Fiber with Silicone Alpha Cloth Exterior and High Heat Interior w/RADAR Transmitter FX81.FADACKHXANAM eID: US34258049 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe: mounted Length (from seal surface) : 137.094 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter /height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard: (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test: RFA (positive material identification) incl. 3.1 inspection certificate	\$57,980.00	\$57,980.00
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		Supply certificates: with goods Measurement loop identification label: of Stainless Steel Customer-specific adjustment: Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 129.094 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
9	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110 Tag: 15-LIT-032 Magnetic Level Gauge Type BNA-SD00 Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 39.0 inch Measuring range: 39.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS275/PN16/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M991 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 39.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % W/RADAR Transmitter FX81.FADACDHXANAM eID: US34258728 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 61.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar)	\$29,680.00	\$29,680.00

		Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : XXX Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
10	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS275/PN16/A110 Tag: 15-LIT-009 Magnetic Level Gauge Type BNA-SD00 Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 43.0 inch Measuring range: 43.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS275/PN16/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M991 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 39.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % W/RADAR Transmitter FX81.FADACDHXANAM eID: US34258728 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 61.000 inch Length of rigid part : 3.937 inch	\$29,680.00	\$29,680.00

		Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : XXX Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
11	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M991-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS275/PN16/A110 Tag: 15-LIT-036A Magnetic Level Gauge Type BNA-SD00 Pressure: 55 psi ; Temp.: 14°F...300 °F; Fluid density: 620 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 38.0 inch Measuring range: 38.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS275/PN16/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M991 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 39.0 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % W/RADAR Transmitter FX81.FADACDHXANAM	\$29,680.00	\$29,680.00

		eID: US34258728 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 61.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : XXX Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
12	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M3048-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS300/PN35/A110/INTF Tag: 15-LIT-022 Magnetic Level Gauge Type BNA-SD00 Pressure: 500 psi ; Temp.: 14°F...300 °F; Fluid density: 982 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 120.0 inch Measuring range: 120.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS300/PN35/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug	\$37,250.00	\$37,250.00

		MRF/SAP-M3048 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 120 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34257564 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 138.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 130.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
13	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M3025-L/CS 73 x 3.05/60x2,77-MRF/SAP-ZTKS60/0.4/623/K74 Tag: 15-LIT-023 Magnetic Level Gauge Type BNA-SD00 Pressure: 460 psi ; Temp.: 14°F...300 °F; Fluid density: 391 kg/m³ Design code: ASME B31.3 Chamber dimensions: 73 x 3.05mm (2-1/2" sch. 10) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 72.0 inch Measuring range: 72.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTKS60/0.4/623/K74 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 28.0 inch Nameplate: Stainless steel laser printed 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)	\$53,810.00	\$53,810.00

		Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1829 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 72 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % Includes Insulation Jacket 1" Ceramic Fiber with Silicone Alpha Cloth Exterior and High Heat Interior w/RADAR Transmitter FX81.FADACDHXANAM eID: US34257758 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 90.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 82.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
14	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M4572-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS245/PN16/A110 Tag: 15-LIT-001 Magnetic Level Gauge Type BNA-SD00 Pressure: 165 psi ; Temp.: 14°F...491 °F; Fluid density: 691 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 180.0 inch Measuring range: 180.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS245/PN16/A110	\$47,740.00	\$47,740.00

		Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Stability Bracket: 1 Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M4572 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 180 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34259213 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 198.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 190.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
15	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1676-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110 Tag: 15-LIT-057, 15-LIT-058 Magnetic Level Gauge Type BNA-SD00 Pressure: 200 psi ; Temp.: 14°F...425 °F; Fluid density: 880 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404)	\$38,260.00	\$76,520.00

		Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 66.0 inch Measuring range: 66.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS215/PN40/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1676 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 66 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34259601 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 84.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 76.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
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16	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M10,668-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS150PN25/R48H Tag: 15-LIT-040 Magnetic Level Gauge Type BNA-SD00 Pressure: 250 psi ; Temp.: 14°F...300 °F; Fluid density: 1030 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 420.0 inch shipped in 2 sections Measuring range: 420.0 inch shipped in 2 sections Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS150PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed 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 Connection between chambers (2): CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M10,668 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 420 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34258243 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 438.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel	\$68,430.00	\$68,430.00
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17	1	Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 430.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0 WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2286-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS180/PN40/A110 Tag: 15-LIT-044 Magnetic Level Gauge Type BNA-SD00 Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 90.0 inch Measuring range: 90.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS180/PN40/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug - MRF/SAP-M2286 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 90 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34261832 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 108.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug	\$34,370.00	\$34,370.00
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		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) : 101.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
18	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-MG-M6,096-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185PN25/R48H Tag: 15-LIT-048 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...250 °F; Fluid density: 987 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 240.0 inch shipped in 2 sections Measuring range: 240.0 inch shipped in 2 sections Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS185PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed 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 Connection between chambers (2): CS Flange ASME B16.5 1" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M6096 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 240 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34258437 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 258.000 inch Length of rigid part : 3.937 inch	\$51,310.00	\$51,310.00

		Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 250.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
19	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M4572-L/CS 60x2.77/60x2,77-MRF/SAP-ZVSS185/PN25/R48H Tag: 15-LIT-051 Magnetic Level Gauge Type BNA-SD00 Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 967 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 180.0 inch Measuring range: 180.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Stability Bracket: 1 Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M4572 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 180 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: %	\$42,640.00	\$42,640.00

		w/RADAR Transmitter FX81.FADACDHXANAM eID: US34258534 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 198.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 190.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
20	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1600-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS300/PN25/A110/INTF Tag: 15-LI-008 Magnetic Level Gauge Type BNA-SD00 Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 63.0 inch Measuring range: 63.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS300/PN25/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug	\$33,200.00	\$33,200.00

		MRF/SAP-M1600 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 63 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACKHXANAM eID: US34256206 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 81.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 73.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
21	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M914-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS300/PN25/A110/INTF Tag: 15-LI-021 Magnetic Level Gauge Type BNA-SD00 Pressure: 470 psi ; Temp.: 14°F...300 °F; Fluid density: 489 / 986 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 36.0 inch Measuring range: 36.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS300/PN25/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch	\$29,870.00	\$29,870.00

		Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M914 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 36 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34256400 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 54.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 46.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
22	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M4318-L/CS 60x2.77/60x2.77-MRF/SAP-ZVSS150/PN25/R48H Tag: 15-LIT-056 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 1060 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 170.0 inch Measuring range: 170.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS150/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch	\$41,780.00	\$41,780.00

		Nameplate: Stainless steel laser printed Stability Bracket: 1 Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M4318 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 170 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACDHXANAM eID: US34256691 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 188.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 180.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
23	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1067-L/CS 60x2.77/60x2,77-MRF/SAP- ZTS420/PN25/A110 Tag: 15-LIT-060 Magnetic Level Gauge Type BNA-SD00 Pressure: 330 psi ; Temp.: 14°F...250 °F; Fluid density: 476 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 42.0 inch Measuring range: 42.0 inch Chamber end top: Pipe cap	\$30,370.00	\$30,370.00

		Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS420/PN25/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Stability Bracket: 1 Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1667 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 42 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/ RADAR Transmitter FX81.FADACDHXANAM eID: US34256885 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 60.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 52.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
24	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M3353-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS420/PN25/A110 Tag: 15-LIT-011 Magnetic Level Gauge Type BNA-SD00	\$40,380.00	\$40,380.00

	Pressure: 320 psi ; Temp.: 14°F...472 °F; Fluid density: 466 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 132.0 inch Measuring range: 132.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS420/PN25/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Stability Bracket: 1 Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M3353 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 132 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w.RADAR Transmitter FX86.FADAC1HXANAM eID: US34257273 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 150.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperatura : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 142.000 inch Linearization : No		
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25	2	Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6	\$41,450.00	\$82,900.00
		WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2260-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110 Tag: 16-LIT-017B, 16-LIT-015 Magnetic Level Gauge Type BNA-SD00 Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 810 / 980 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 89 / 89-9/16 inch Measuring range: 89 / 89-9/16 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS215/PN40/A110 / ZTS300/PN40/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M2261 / 2275 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 89 / 89-9/16 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34262026 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 107.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate		

		Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 99.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
26	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1270-L/CS 60x2.77/60x2,77-MRF/SAP-ZTS215/PN40/A110 – Total level only, Intf requires .1 SG difference Tag: 16-LIT-001 Magnetic Level Gauge Type BNA-SD00 Pressure: 405 psi ; Temp.: 14°F...400 °F; Fluid density: 860 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 50.0 inch Measuring range: 50.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS215/PN40/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1270 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 50 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34261444 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 68.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C	\$36,620.00	\$36,620.00

		Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 60.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
27	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1394-L/CS 60x2.77/60x2.77-MRF/SAP-ZVSS185/PN25/R48H Tag: 16-LIT-201 Magnetic Level Gauge Type BNA-SD00 Pressure: 15 psi ; Temp.: 14°F...250 °F; Fluid density: 980 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 54.875 inch Measuring range: 54.875 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1394 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 54.875 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACFHANAM eID: US34261541 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight /	\$29,920.00	\$29,920.00

		316 Probe : mounted Length (from seal surface) : 72.875 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 64.875 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
28	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1270-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS215/PN40/A110 – Total level only, Intf requires .1 SG difference Tag: 14-LIT-001 Magnetic Level Gauge Type BNA-SD00 Pressure: 405 psi ; Temp.: 14°F...400 °F; Fluid density: 860 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 50.0 inch Measuring range: 50.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS215/PN40/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1270 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 50 inch Housing material: Aluminum anodized	\$31,250.00	\$31,250.00

		Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34261444 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 68.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 60.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
29	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1778-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS300/PN40/A110/INTF Tag: 14-LIT-012 Magnetic Level Gauge Type BNA-SD00 Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 / 980 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 70.0 inch Measuring range: 70.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS300/PN40/A110/INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7.9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction	\$39,150.00	\$39,150.00

		-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 MRF/SAP-M1778 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 70 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34261735 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 88.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 80.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
30	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2311-L/CS 60x2.77/60x2.77-MRF/SAP-ZTS250/PN40/A110 Tag: 14-LIT-015 Magnetic Level Gauge Type BNA-SD00 Pressure: 400 psi ; Temp.: 14°F...410 °F; Fluid density: 760 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Seamless Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 91.0 inch Measuring range: 91.0 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZTS250/PN40/A110 Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed 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	\$40,510.00	\$40,510.00

		Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M2311 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 91 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX86.FADAC1HXANAM eID: US34261832 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 109.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter/height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature : Ceramic graphite / with / -196...+280°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 101.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 49.6		
31	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1572-L/CS 60x2.77/60x2.77-MRF/SAP-ZVSS185/PN25/R48H Tag: 14-LIT-201 Magnetic Level Gauge Type BNA-SD00 Pressure: 160 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 61.875 inch Measuring range: 61.875 inch Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: MNPT Nipple 3/4" for valve (by others) Drain connection: MNPT Nipple 3/4" for valve (by others) Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG	\$30,430.00	\$30,430.00

		Top stand-off (T): 3.9 inch Bottom stand-off (U): 21.0 inch Nameplate: Stainless steel laser printed Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 7,9 inch Radar connection stand-off: 10.0 inch Side chamber bottom stand-off: 10.0 inch Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug MRF/SAP-M1572 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 61.875 inch Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: % w/RADAR Transmitter FX81.FADACFHANAM eID: US34254654 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 79.875 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 71.875 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
32	4	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2.77-MRF-ZVSS185/PN25/R48H Tags: 24-LIT-221, 24-LIT-222, 24-LIT-101, 24-LIT-102 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 762 mm Measuring range: 762 mm	\$29,600.00	\$118,400.00

		Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Weight: 23.0 kg Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M762 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 762 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch W/RADAR Transmitter FX81.FADACDHXANAM eID: US34249513 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 48.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 40.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
33	4	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2.77-MRF-ZVSS185/PN25/R48H Tags: 24-LIT-063, 24-LIT-064, 24-LIT-183, 24-LIT-184	\$33,760.00	\$135,040.00

	Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 610 mm Measuring range: 610 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M610 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 610 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* W/RADAR Transmitter FX81.FADACKHXANAM eID: US34250386 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch		
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34	2	- 0 % (distance from seal surface) : 34.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0	\$64,170.00	\$128,340.00
		WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M4242-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF TAG # 24-LIT-001, 24-LIT-004 Magnetic Level Gauge Type BNA-SD00 Pressure:100 psi ; Temp.: 14°F...300 °F; Fluid density: 1005 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection (4): CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 4242 mm Measuring range: 4242 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS300/PN25/R48H-INTF Dampening element: Dampening spring, bottom, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 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-M4242 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 1778 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *Includes 1" Insulation* w/RADAR Transmitter FX81.FADACDHXANAM eID: US34248446 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 185.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)		

		PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 177.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
35	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H Tags: 24-LIT-002, 24-LIT-003 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 610 mm Measuring range: 610 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Weight: 23.0 kg Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M610 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 610 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* w/RADAR Transmitter FX81.FADACDHXANAM eID: US34248543 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160)	\$33,370.00	\$66,740.00

		Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 34.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
36	3	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M3048-L/CS 60x2.77/60x2.77-MRF-ZVSS185/PN25/R48H Tags: 24-LIT-041, 24-LIT-161, 24-LIT-042 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 3048 mm Measuring range: 3048 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M3048 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 3048 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* w/RADAR Transmitter FX81.FADACKHXANAM	\$38,010.00	\$114,030.00

		eID: US34252132 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 138.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 130.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
37	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M914-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H Tag: 24-LIT-061, 24-LIT-181 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...357 °F; Fluid density: 920 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 914 mm Measuring range: 914 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm	\$52,580.00	\$105,160.00

		Insertion external sensor: With MRF-M914 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 914 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* w/RADAR Transmitter FX81.FADACKHXANAM eID: US34252229 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 54.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART 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) : 46.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
38	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M3047-L/CS 60x2.77/60x2.77-MRF-ZTSS215/PN25/R48H TAG # : 24-LIT-041 Magnetic Level Gauge Type BNA-SD00 Pressure:263 psi ; Temp.: 14°F...315 °F; Fluid density: 960 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Process connection(4): CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 3047 mm Measuring range: 3047 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug	\$37,580.00	\$37,580.00

		Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: CS Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M3047 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 1778 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACKHXANAM eID: US34252132 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 138.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 130.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
39	1	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2.77-MRF-ZTSS215/PN25/R48H Tags: 26-LIT-044 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 762 mm Measuring range: 762 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite	\$29,850.00	\$29,850.00

		Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Weight: 23.0 kg Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M762 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 762 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACDHXANAM eID: US34249513 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 48.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 40.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
40	1	WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-M762-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H Tags: 26-LIT-004 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF	\$29,850.00	\$29,850.00

		Distance C-to-C: 762 mm Measuring range: 762 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Weight: 23.0 kg Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M762 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 762 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACDHXANAM eID: US34249513 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 48.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 40.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
41	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1,499-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF	\$33,100.00	\$33,100.00

		Tag: 26-LIT-001 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 / 960 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection(3): CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 1499 mm Measuring range: 1499 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS300/PN25/R48H-INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M1499 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 1499 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACDHXANAM eID: US34250774 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 77.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½ NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch		
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42	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M1,499-L/CS 60x2.77/60x2,77-MRF-ZTSS300/PN25/R48H-INTF Tag: 26-LIT-002 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 630 / 960 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection(3): CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 1499 mm Measuring range: 1499 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS300/PN25/R48H-INTF Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M1499 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 1499 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACDHXANAM eID: US34250774 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 77.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½ NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted	\$33,100.00	\$33,100.00

		Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 69.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
43	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M603-L/CS 60x2.77/60x2,77-MRF-ZTSS215/PN25/R48H Tags: 26-LIT-261 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 603 mm Measuring range: 603 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Weight: 23.0 kg Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M603 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 603 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* W/RADAR Transmitter FX81.FADACKHXANAM eID: US34250386 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.000 inch	\$33,960.00	\$33,960.00

		Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 34.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
44	3	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M4115-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H Tag: 26-LIT-332, 26-LIT-232, 26-LIT-132 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 940 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 4115 mm Measuring range: 4115 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M4115 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 4115 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included*	\$62,780.00	\$188,340.00

		w/RADAR Transmitter FX81.FADACKHXANAM eID: US34250968 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 180.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 172.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
45	1	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M610-L/CS 60x2.77/60x2.77-MRF-ZTSS215/PN25/R48H Tags: 26-LIT-361 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 610 mm Measuring range: 610 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Weight: 23.0 kg Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2.77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm	\$34,010.00	\$34,010.00

		Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M610 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 610 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* w/RADAR Transmitter FX81.FADACKHXANAM eID: US34250386 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 34.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
46	1	WIKI DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M632-L/CS 60x2.77/60x2.77-MRF-ZTSS215/PN25/R48H Tags: 26-LIT-161 Magnetic Level Gauge Type BNA-SD00 Pressure: 100 psi ; Temp.: 14°F...350 °F; Fluid density: 830 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 632 mm Measuring range: 632 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZTSS215/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap	\$38,470.00	\$38,470.00

		-316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M632 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 632 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* w/RADAR Transmitter FX81.FADACKHXANAM eID: US34251065 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 42.875 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature K : FFKM (Kalrez 6375) / without / -20...+200°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 34.875 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
47	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2540-L/CS 60x2.77/60x2.77-MRF-ZVSS185/PN25/R48H Tags: 28-LIT-020, 28-LIT-021A Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 989 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 2540 mm Measuring range: 2540 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4"	\$48,530.00	\$97,060.00

		Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M2540 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 2540 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included w/RADAR Transmitter FX81.FADACDHXANAM eID: US34251162 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 118.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 110.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0		
48	2	WIKA DUAL CHAMBER LEVEL SYSTEM – Redundant BNA/DU-2"/300/RF-M2032-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H Tags: 28-LIT-022, 28-LIT-023A Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 971 kg/m³	\$42,920.00	\$85,840.00

	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) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 2032 mm Measuring range: 2032 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M2032 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 2032 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch *1" Insulation jacket included* W/RADAR Transmitter FX81.FADACDHXANAM eID: US34251356 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 98.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature D : FFKM (Kalrez 6375) / without / -20...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103) PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 90.000 inch Linearization : No		
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49	2	Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0	\$31,680.00	\$63,360.00
		WIKA DUAL CHAMBER LEVEL SYSTEM - Redundant BNA/DU-2"/300/RF-M1524-L/CS 60x2.77/60x2,77-MRF-ZVSS185/PN25/R48H Tag: 28-LIT-122, 28-LIT-123 Magnetic Level Gauge Type BNA-SD00 Pressure: 50 psi ; Temp.: 14°F...300 °F; Fluid density: 990 kg/m³ Design code: ASME B31.3 Chamber dimensions: OD 60.3 x 2.77 mm (2" Sch. 10S) Duo stainless steel 316/316L (EN 1.4401/1.4404) Joint design: Slip on welds not permitted, only welding-neck flanges allowed Process connection: CS Flange ASME B16.5 2" 300# Form RF Distance C-to-C: 1524 mm Measuring range: 1524 mm Chamber end top: Pipe cap Chamber end bottom: CS Flange ASME B16.5 2" 300# Form RF Vent connection: Butt weld end 3/4" Drain connection: Butt weld end 3/4" Float: ZVSS185/PN25/R48H Dampening element: Dampening spring, bottom & top, with cover Gasket(s): Spiral wound type, SS 316L/Graphite Bolting: UNC series, carbon steel A193 Gr. B7 HDG / A194 Gr. 2H HDG Top stand-off (T): 100 mm Bottom stand-off (U): 250 mm Nameplate: Stainless steel laser printed Includes Bottom: Mag Trap -316ss/ CS construction -316SS 2" x 2" Tee with 2" CS 300# RFWN Flange -Bottom: CS 2" 300# RFWN with blind mating flange & 1/2" NPT Drain and Plug Dual Chamber (DUplus) Sidechamber: OD 60.3 x 2,77 mm (2" Sch. 10S) Location of secondary chamber: 3 o'clock (right side of MLG chamber) Process connection GT: Flange ASME B16.5 2" 300# Form RF Distance between chambers center lines: 200 mm Radar connection stand-off: 254 mm Side chamber bottom stand-off: 254 mm Insertion external sensor: With MRF-M1524 Level Indicator for Magnetic Level Gauge Type BMD-FA Measuring range: 1524 mm Housing material: Aluminum anodized Indicating elements: Stainless steel flaps Red & white Graduated scale: Aluminum engraved Graduation unit: inch w/RADAR Transmitter FX81.FADACFHANAM eID: US34251550 Scope F : USA Approval A : FM (NI) CL I, II, III DIV2, GP ABCDFG Version / Material D : Exchangeable cable (ø2mm) with centering weight / 316 Probe : mounted Length (from seal surface) : 78.000 inch Length of rigid part : 3.937 inch Dimensions centering weight (diameter / height) : 1.77in / 1.18in (for 2" Schedule 40/80 and 3" Schedule 80/160) Process fitting / Material AC : Flange 2" 300lb RF, ASME B16.5 / 316/316L Seal / Second line of defense / Process temperature F : FKM (SHS FPM 70C3 GLT) / without / -40...+150°C Electronics H : Two-wire 4 ... 20 mA/HART Housing / Protection A : Aluminum single chamber / IP66/IP68 (0.2bar) Cable entry / Connection N : ½ NPT / Blind plug Display/Adjustment module PLICSCOM A : mounted Certificates M : Yes Certificate / Standard : (C) Material test report – traceable (EN 10204 type 3.1 + NACE MR0175 + NACE MR0103)		

		PMI test : RFA (positive material identification) incl. 3.1 inspection certificate Supply certificates : with goods Measurement loop identification label : of Stainless Steel Customer-specific adjustment : Yes - Unit : inch - 100 % (distance from seal surface) : 10.000 inch - 0 % (distance from seal surface) : 70.000 inch Linearization : No Min. process pressure in bar : -1.000 Max. process pressure in bar : 40.0										
		Delivery Time • 22 – 26 Weeks after after receiving ARAD and Advanced Payment done Payment Terms • 50% with Order and Approval Drawings / Tech Specs • Balance: Net 30 days delivery DDP Jose Partial Invoices associated to materials partially delivered must be allowed in case of progressive delivery per WIKA Manufacturing scheduling Estimated Volume & Gross Weight – To be informed										
		NOTAS:										
		CONDICIONES DE PAGO <u>COMPONENTE IMPORTADO</u> <i>En DOLARES AMERICANOS (US\$) o en EUROS equivalentes mediante transferencia bancaria a la siguiente cuenta</i> AMERANT BANK (in US\$) 220 ALHAMBRA CIRCLE, CORAL GABLES, FL. 33134 CUENTA NUMERO 8303790106 BENEFICIARIO INTECH INSTRUMENTOS Y EQUIPOS C.A. ABA 067010509 SWIFT MNB MUS33 <u>COMPONENTE NACIONAL (IVA)</u> <i>En BOLIVARES (Bs.) mediante transferencia bancaria</i> Banco Mercantil Cuenta Corriente a nombre de INTECH Instrumentos y Equipos C.A. – 0105-0011-73-1011-50499-5										
		Project Cancellation WIKA Policy administrative charges: After receipt of a formal Purchase Order, there may be a cancellation free. Milestones will be as follow: <table><tr><td>15%</td><td>Up to submittal of Engineering & Design Drawings and Documents</td></tr><tr><td>25%</td><td>After submittal of Engineering & Design Drawings and Documents</td></tr><tr><td>50%</td><td>After material order placement and before production commences</td></tr><tr><td>75%</td><td>Within two weeks of production release</td></tr></table>	15%	Up to submittal of Engineering & Design Drawings and Documents	25%	After submittal of Engineering & Design Drawings and Documents	50%	After material order placement and before production commences	75%	Within two weeks of production release		
15%	Up to submittal of Engineering & Design Drawings and Documents											
25%	After submittal of Engineering & Design Drawings and Documents											
50%	After material order placement and before production commences											
75%	Within two weeks of production release											

		100%	Two weeks after production commences		
		OTRAS CONDICIONES 1. Todos los Equipos suministrados por INTECH Instrumentos y Equipos son Nuevos y cuentan con Certificados de Conformidad del Fabricante en caso de ser requeridos 2. El valor del IVA podrá ser pagado y/o retenido en moneda local (Bs.) a la tasa referencial del día en caso de que el mismo no pueda ser pagado en US\$. El valor utilizado para el cálculo del mismo es tomado de acuerdo a lo informado por el Banco Central de Venezuela en su portal web www.bcv.org.ve y debiera ser cancelado a la tasa oficial del día de pago o de la retención correspondiente 3. Todos los materiales mantienen las condiciones de garantía Standard de los fabricantes. 4. INTECH como representante y/o distribuidor exclusivo de múltiples marcas en el área de Instrumentación Industrial, calentamiento Eléctrico y Equipos de Laboratorio, solo suministrara garantía y servicio a los equipos y materiales adquiridos a través de los canales de venta autorizados de INTECH tanto localmente como internacionalmente 5. Aporte SOCIAL 3%: Esta Incluido en los precios y forma parte de la Oferta 6. Las empresas Mixtas no están sujetas a Impuesto a las Grandes Transacciones Financieras (IGTF), Por lo tanto, las facturas donde CHEVRON compra bienes o contrata servicios por cuenta de estas, no están sujetas a la percepción del IGTF. Todo ello con base en el Artículo 9, Numeral 3 de la Ley del IGTF (Gaceta Oficial Nro 6.687 Extraordinario de fecha 25/02/22). 7. En caso de requerirse algún Tipo de Fianza de Anticipo, los Gastos de dicha Fianza serán reembolsables (en la moneda de su contratación) y por cuenta del Cliente CHEVRON, una vez recibidos los materiales en su almacén. Cci: W. Brito – INTECH PLCRZ			

Please Transfer to Account of:
Bank: Amerant Bank
Address: 220 Alhambra Circle, Coral Gables,
Florida 33134, USA
ABA: 067010509
Swift: MNBMUS33

Beneficiary: INTECH INSTRUMENTOS Y EQUIPOS
C.A.
Account # 8303790106

Subtotal	US\$	\$2,751,550.00
Freight	US\$	Incluido
Insurance	US\$	--
IVA 16%	US\$	440,248.00
IGTF 3%	US\$	---
TOTAL	US\$	3,191,798.00