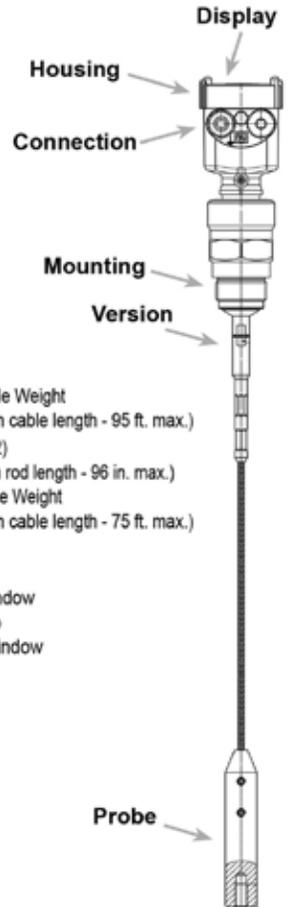


Mark X if none											
						X					X
Sample											
GW3.	IX	F	TH	F	H	X	A	N	A	X	-R36



Probe / Rod
-CXX: 8 mm Cable Weight
 (Replace XX with cable length - 95 ft. max.)
-RXX: 5/8" Rod (2)
 (Replace XX with rod length - 96 in. max.)
-KXX: 4 mm Cable Weight
 (Replace XX with cable length - 75 ft. max.)

Display
X: X - No Bindisc - No Window
A: A - Bindisc Top Mounted with Window
F: F - No Bindisc - With Window Top
B: B - Bindisc Side Mounted with Window

Connection
N: N - Two 1/2" NPT / blind plug
Q: Q - Two 1/2" NPT / without plug

Housing
A: A - Aluminium single chamber (1, 2)
K: K - Plastic single chamber (1, 2)
8: 8 - Stainless steel single chamber (1, 2)
R: R - Plastic double chamber (1, 2)
D: D - Aluminium double chamber (1, 2)
W: W - Stainless steel double chamber (1, 2)

Output
H: H - Two wire 4-20mA (1, 2)
U: U - Four-wire Modbus (1, 2)
I: I - Four-wire 4-20mA / HART®; 9.6-48V DC; 20-42V AC (1, 2)
B: B - Four-wire 4-20mA / HART®; 90-253 VAC; 50/60Hz (1, 2)

Seal
K: K - FFKM (1, 2)
F: F - FKM (1, 2)

Mounting
TH: TH - 1.5" NPT Threaded (1, 2)
TK: TK - 2.0" NPT Threaded (1, 2)
AB: AB - 2" Flange (1, 2)
AD: AD - 3" Flange (1, 2)
AG: AG - 4" Flange (1, 2)

Version
E: E - Connection for 8 mm cable or 5/8" rod (1, 2)
A: A - Connection for 4 mm cable (1, 2)

Approvals
CC: CC - CSA (IS) Class I (1, 2)
CD: CD - CSA (XP-AIS) Class I (1, 2)
CE: CE - CSA (XP) Class I (1, 2)
CR: CR - CSA (DIP) Class II (1, 2)
IX: IX - Designed for unclassified area (1, 2)
FC: FC - FM (IS) Class I, II, III (1, 2)
FD: FD - FM (XP-AIS) Class I (1, 2)
FR: FR - FM (DIP) Class II (1, 2)
FE: FE - FM (XP) Class I (1, 2)

Power Pac
 GW3.

1: Cable
2: Rod



Guided Wave Radar for Liquids

The GWR-3000 is a guided wave radar designed specifically for liquid applications. It uses time domain reflectometry (TDR) to continuously measure levels in tanks and standpipes. It is offered with either a cable or rod customized to the depth of the vessel. The GWR-3000 level sensor measures all types of liquids including those with steam, vapor, foam, condensation or those prone to residual buildup.

Description	CODE	Part No.
POWER PAC		
GWR-3000 Guided Wave Radar	GW3.	
APPROVALS		
Approvals: CC - CSA (IS) Class I, II, III, Div 1, Groups A, B, C, D, E, F, G	CC	
Approvals: CD - CSA (XP-AIS) Class I, Div 1, Groups A, B, C, D, (DIP-AIS) Class II, III Div 1, Groups E, F, G	CD	
Approvals: CE - CSA (XP) Class I, Div 1, Groups A, B, C, D, (DIP) Class II, III Div 1, Groups E, F, G	CE	
Approvals: CR - CSA (DIP) Class II, DIV 1 Groups E, F, G	CR	
Approvals: IX - Designed for unclassified area, non-EX environment	IX	
Approvals: FC - FM (IS) Class I, II, III, Div 1, Groups A, B, C, D, E, F, G	FC	
Approvals: FD - FM (XP-AIS) Class I, Div 1, Groups A, B, C, D, (DIP-AIS) Class II, III Div 1, Groups E, F, G	FD	
Approvals: FR - FM (DIP) Class II, DIV 1 Groups E, F, G	FR	
Approvals: FE - FM (XP) Class I, Div 1, Groups A, B, C, D, (DIP) Class II, III Div 1, Groups E, F, G	FE	
VERSION		
Version: A - Threaded connection to sensor for 4 mm cable	A	
Version: E - Threaded connection to sensor for 8 mm cable or 5/8" rod	E	
MOUNTING		
Mounting: TH - 1.5" NPT PN40, ASME B1.20.1 / 316L	TH	
Mounting: TK - 2.0" NPT PN40, ASME B1.20.1 / 316L	TK	
Mounting: AB - 2" 150lb RF, ASME B16.5 / 316/316L	AB	
Mounting: AD - 3" 150lb RF, ASME B16.5 / 316/316L	AD	
Mounting: AG - 4" 150lb RF, ASME B16.5 / 316/316L	AG	
SEAL		
Seal: K - FFKM (Kalrez 6375) and PTFE / -4°F (-20°C) to +510°F (266°C)	K	
Seal: F - FKM (SHS FPM 70C3 GLT) / -40°F to +302°F (150°C)	F	
OUTPUT		
Output: H - Two wire 4-20mA / HART®; 12-35V DC	H	
Output: U - Four-wire Modbus (Requires Dual Chamber Housing); 8-30V DC	U	
Output: I - Four-wire 4-20mA / HART®; 9.6-48V DC; 20-42V AC (Requires Dual Chamber Housing)	I	
Output: B - Four-wire 4-20mA / HART®; 90-253 VAC; 50/60Hz (Requires Dual Chamber Housing)	B	
HOUSING		
Housing: A - Aluminium single chamber / IP66/IP68 (0.2bar)	A	

Description	CODE	Part No.
Housing: K - Plastic single chamber / IP66/IP67	K	
Housing: 8 - Stainless steel single chamber (electropolished) / IP66/IP68 (0.2 bar)	8	
Housing: R - Plastic double chamber / IP66/IP67	R	
Housing: D - Aluminium double chamber / IP66/IP67	D	
Housing: W - Stainless steel double chamber / IP66/IP67	W	
CONNECTION		
Cable Entry: N - Two 1/2" NPT / blind plug in one opening	N	
Cable Entry: Q - Two 1/2" NPT / without plug in either opening	Q	
DISPLAY		
Display: X - Without inspection window or BinDisc	X	
Display: A - Bindisc top mounted with display window	A	
Display: F - Top mounted without BinDisc with inspection window	F	
Display: B - Side mounted BinDisc with window	B	
PROBE / ROD		
ft. single flexible 8 mm diameter 316 stainless steel cable, with counter weight (95 ft. maximum)	-CXX	
in. solid 5/8" diameter 316 stainless steel sensing rod (96 in. maximum)	-RXX	
ft. single flexible 4 mm diameter 316 stainless steel cable, with counter weight (75 ft. maximum)	-KXX	
MOUNTING PLATES		
GRMP-6 - 0° 1.5" NPT Powder coated carbon steel mounting plate with half coupling		730-0298
GRMP-8 - 0° 1.5" NPT Stainless steel mounting plate with half coupling		730-0469
GRMP-11 - 5° 1.5" NPT Powder coated carbon steel mounting plate with half coupling		730-0501
GRMP-12 - 10° 1.5" NPT Powder coated carbon steel mounting plate with half coupling		730-0502
GRMP-18 - 30° 1.5" NPT Powder coated carbon steel mounting plate with half coupling		730-0633