

Level sensors for outdoor tanks

as per EN 13616:2004



Fittings for level sensors

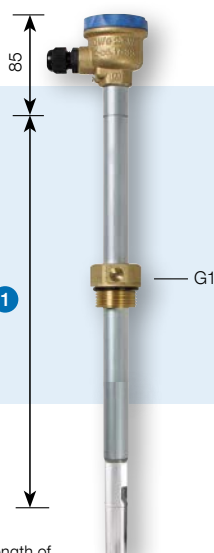
- 1 Coupling plug type 902
- 2 Coupling socket type 903
- 3 GWG fitting for wall mounting type 905
- 4 Pipe fitting type 904 with flange plug type 901

Benefits

- The right version for each application
- Compact, corrosion-proof design
- Adjustable for different tank sizes
- Universal use due to variable height adjustment
- Yellow tube fitting made of impact-resistant plastic with ATEX approval (zone 0) and stainless steel sleeve
- Chemical resistance even if used with biodiesel, biofuel or admixtures up to 100 %
- Metallised sleeve of grey fitting for permanent operation even with biofuel/biodiesel
- Easy and fast installation

Level sensor GWG 23 Wa for outdoor tanks

as per EN 13616:2004



1 Length of level sensors

- Fitting for wall mounting
- For fuel oil, diesel fuel, biofuel/biodiesel
- Yellow fitting with ATEX approval (zone 0)
- Variable height adjustment
- Suitable for use in flood hazard areas
- Yellow fitting with high-grade stainless steel sleeve



GWG fitting for wall mounting

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Application To be used as part of an for overfill alarm system to avoid overfilling of tanks. For tanks as per EN 12285-1, 12285-2, DIN 6618, 6619, 6623, 6624, 6608, 4119 and tanks as per DIN 6620 and DIN 6625 or equivalent tanks whose diameters and volumes correspond to the EN 12285-1 design. Suitable for the following media: fuel oil EL and diesel fuel as well as biofuel, biodiesel or petrol under certain conditions. See the operating instructions for additional information.

Description PTC thermistor type level sensor consisting of height-adjustable probe, screw fitting, junction box at the upper end of the tube and fitting for wall mounting. Pressure- and vacuum-tight. Watertight up to 10 m water column.

Technical specifications

Probe length

From 400 to 700 mm, probe lengths up to 3,000 mm possible, see ordering table

Process connection

Screw fitting G1

Operating temperature range

Medium: -25/+50 °C
Ambient: -25/+60 °C

Operating pressure in the tank

No pressure

Material

Junction box: Brass/plastic
GWG fitting (wall mounting): Plastic
Probe tube: Steel, galvanised
Screw fitting: Brass
PTC thermistor: Glass-encapsulated
GWG sleeve: Stainless steel



Approval for construction products

CE marking as per EC Construction Products Regulation 305/2011, EC 574/2014, EN 13616:2004
GWG with yellow fitting: Ex II 1 G Ex ia IIB T3





See page 36 for prices and versions.

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	Fitting	Probe length (mm)			DG	PG			Part no.	Price €
GWG 23-Ro 400	Yellow	400			G	3	1	-	46115	
GWG 23-Ro 700	Yellow	700			G	3	1	-	46116	
GWG 23-Ro 1000	Yellow	1,000			G	3	1	-	46117	
GWG 23-Ro So, special lengths	Yellow	Max. 3,000			G	3	1	-	46118	
GWG 23-Ro 400	Grey	400			G	3	1	-	46125	
GWG 23-Ro 500	Grey	500			G	3	1	-	46185	
GWG 23-Ro 700	Grey	700			G	3	1	-	46126	
GWG 23-Ro 1000	Grey	1,000			G	3	1	-	46127	
GWG 23-Wa 400	Yellow	400			G	3	1	-	46130	
GWG 23-Wa 700	Yellow	700			G	3	1	-	46131	
GWG 23-Wa So, special lengths	Yellow	Up to max. 3,000			G	3	1	-	46133	
GWG 23-T 700	Grey	700	Min. length: 860	Max. length: 1,290	G	3	1	-	47622	
GWG 23-T 1000	Grey	1000	1,160	1,750	G	3	1	-	47623	

Please enquire for coded plug inserts for QSS and filling hose control system (ASS).

Accessories	Fitting	DG	PG			Part no.	Price €
GWG fitting 905-W	Grey	G	1	1	-	40050	
GWG fitting 905-W	Yellow	G	1	1	-	40052	
Coupling socket TW 903	-	G	1	1	-	40030	
Coupling plug TW 902	-	G	1	1	-	40045	



Other lengths on request.