

Level sensors for outdoor tanks as per EN 13616:2004



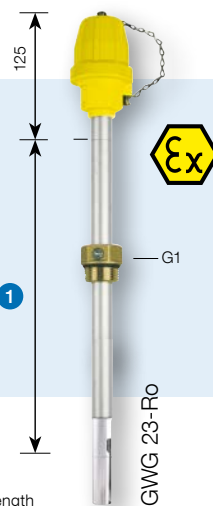
Fittings for level sensors

- 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-Ro/T for outdoor tanks as per EN 13616:2004

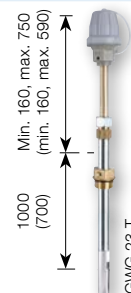


2

1

1 Length

- Fuel oil EL, diesel fuel, biofuel/biodiesel and petrol
- With metallised sleeve (with grey version) for permanent operation even with biofuel/biodiesel
- Yellow fitting with ATEX approval (zone 0) and stainless steel sleeve
- Variable height adjustment



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. 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 and screw fitting. Pressure- and vacuum-tight. Watertight up to 10 m water column.

GWG 23-Ro with tube fitting made of **yellow plastic**, highly impact-resistant, deformation-resistant with strong chain and flange gasket. Also suitable for petrol with GWG level sensor sleeve made of stainless steel.

GWG 23-Ro with tube fitting made of **grey plastic**. Suitable for the following media: fuel oil, diesel fuel, biofuel and biodiesel. With metallised sleeve.

GWG 23-T with telescopic tube for height adjustment of the connection fitting. Tube fitting made grey plastic, shock-resistant, with tie, without flange gasket.

When selecting a level sensor, please check to see that the fitting is as close as possible to the access chamber cover – the distance should be no less than 20 mm and no more than 300 mm. See the operating instructions for the adjustment dimension in the tank.

Technical specifications

Probe length

From 400 to 1,000 mm, probe lengths up to 3,000 mm, 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

GWG fitting: Plastic

Probe tube: Steel, galvanised

Screw fitting: Brass

PTC thermistor: Glass-encapsulated

GWG sleeve: Plastic, metallised

(grey version)

stainless steel (yellow version)

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



i

See page 34 for prices and versions.

Level sensors for outdoor tanks as per EN 13616:2004

	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.