

## Level sensors GWG 23-Ro for outdoor tanks



### Benefits

- For fuel oil EL, diesel fuel, biofuel/biodiesel and petrol
- Metallised sleeve for permanent operation even with biofuel/biodiesel
- Variable height adjustment

### Application

To be used as part of an overflow 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.

### Versions

	Fitting	Probe length	Part no.
GWG 23-Ro 400	Grey	400 mm	46125
GWG 23-Ro 500	Grey	500 mm	46185
GWG 23-Ro 700	Grey	700 mm	46126
GWG 23-Ro 1000	Grey	1,000 mm	46127
GWG 23-Ro 400	Yellow	400 mm	46115
GWG 23-Ro 700	Yellow	700 mm	46116
GWG 23-Ro 1000	Yellow	1,000 mm	46117
Level sensor GWG 23-Ro special length	Yellow	Max. 3,000 mm	46118

Blue part no. = in-stock items

### 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.**

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

400 mm  
500 mm  
700 mm  
1,000 mm  
Max. 3,000 mm (Special length)

### Process connection

Screw fitting G1

### Operating temperature range

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

### Operating pressure in the tank

Without pressure

### Material

GWG level sensor fit- Plastic  
ting:  
Probe tube: Steel, galvanised  
Screw fitting: Brass  
PTC thermistor: Glass-encapsulated  
GWG level sensor  
sleeve  
GWG level sensor fit- Plastic, metallised  
ting grey:  
GWG level sensor fit- Stainless steel  
ting yellow:

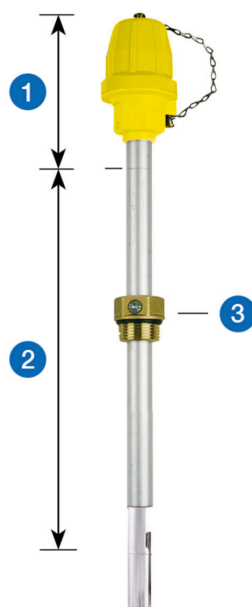
### Approval

CE marking as per EC Construction Products Regulation 305/2011, EU 574/2014 (EN 13616:2004)

### EC Type Examination Certificate

GWG 23-Ro yellow: TPS 07 ATEX 15639 8 Ex II 1G Ex ia IIB T3

## Detail views



GWG 23-Ro

1. 125 mm
2. Length
3. G1