



## Level sensors GWG 23-T 1000 grey

**Part no. 47623**

**Level sensor 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
- materials resistant to biofuel and biodiesel with max. 100 % FAME
- green fuels ready: suitable for use at tank facilities filled with the new paraffinic fuels HVO or GTL
- watertight up to 10 m water column - ideal for use in flood hazard areas

### Application

Part of a control chain for overfill alarm systems. The level sensor helps to prevent 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 fuel oil (DIN 51603-1), diesel fuel (EN 590), liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with up to 100 % FAME (EN 14214). Also suitable for use with the new paraffinic fuels HVO and GTL as an admixture or 100% or of 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-T** with telescopic tube for height adjustment of the connection fitting. Tube fitting made grey plastic, shock-resistant, with tie, without flange gasket. **With metallised sleeve.**

When selecting a level sensor, please check to see that the fitting is as close as possible below 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**  
1000 mm

**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 fitting: Plastic  
Probe tube: steel, galvanised  
Screw fitting: Brass  
PTC thermistor: glass-encapsulated  
GWG level sensor sleeve: plastic, metallised

**approval**

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

**Versions**

|                  | Fitting | Probe length | min. length | max. length |                                                                                     | Part no. |
|------------------|---------|--------------|-------------|-------------|-------------------------------------------------------------------------------------|----------|
| GWG 23-T<br>1000 | grey    | 1000 mm      | 1160 mm     | 1750 mm     |  | 47623    |

-  in-stock items
-  Non-stock items