

Level sensors GWG 23-T 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 overflow alarm systems. The level sensor helps to prevent overflowing 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% of petrol under certain conditions. See the operating instructions for additional information.

Versions

	Fitting	Probe length	Min. length	Max. length	Part no.
GWG 23-T 700	Grey	700 mm	860 mm	1,290 mm	47622
GWG 23-T 1000	Grey	1,000 mm	1,160 mm	1,750 mm	47623

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-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

700 mm, 1,000 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 fit- Plastic

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Probe tube: Steel, galvanised

Screw fitting: Brass

PTC thermistor: Glass-encapsulated

GWG level sensor Plastic, metallised

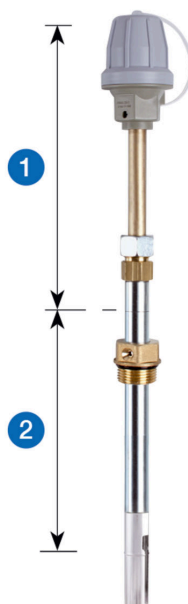
sleeve:

Approval

CE marking as per EC Construction Products Regulation 305/2011,

EU 574/2014, EN 13616:2004

Detail views



GWG 23-T

1. Min. 160 mm, max. 750 mm (min. 160 mm, max. 590 mm)

2. 1000 mm (700 mm)