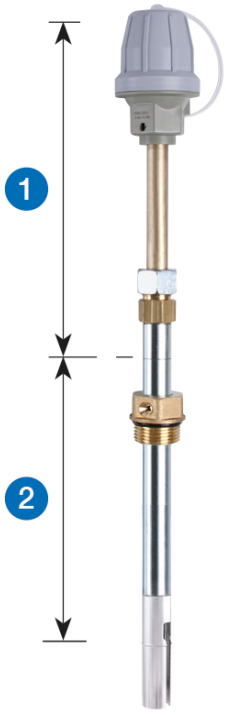

Level sensor for outdoor tanks

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 filed 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

Process connection
Screw fitting G1

Operating pressure in the tank
without pressure

Operating temperature range
Medium: -25/+50 °C
Ambient: -25/+60 °C

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 700	grey	700 mm	860 mm	1290 mm	●	47622
GWG 23-T 1000	grey	1000 mm	1160 mm	1750 mm	●	47623

● in-stock items

○ Non-stock items