



Level sensor for outdoor tanks

benefits

- Fitting for wall mounting
- for fuel oil, diesel fuel, biofuel/biodiesel
- yellow fitting with Ex approval (EU type examination certificate, zone 0)
- variable height adjustment
- suitable for use in flood hazard areas
- yellow fitting with high-grade stainless steel sleeve
- 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 whose diameters and volumes correspond to the EN 12285-1 design. 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.

Description

PTC thermistor type level sensor consisting of height-adjustable probe, screw fitting, junction box at the upper end of the tube and fitting for wall mounting. Pressure- and vacuum-tight. Watertight up to 10 m water column.

In the case of special lengths, extra shipping charges may apply (bulk goods).

Technical Specifications

Process connection

Screw fitting G1

Operating temperature range

Medium: -25/+50 °C

Ambient: -25/+60 °C

Operating pressure in the tank

without pressure

Material

junction box: brass/plastic

GWG level sensor fitting: Plastic

Probe tube: steel, galvanised

Screw fitting: Brass

PTC thermistor: glass-encapsulated

GWG level sensor sleeve: Stainless steel

approval

CE marking as per EC Construction Products Regulation 305/2011,
 EU 574/2014, EN 13616:2004
 GWG with yellow fitting
 Ex II 1G Ex ia IIB T3 Ga
 Ex II 1/2G Ex ia IIB T3 Ga/Gb

Versions

	Fitting	Probe length	min. length	max. length		Part no.
GWG 23-Wa 400	yellow	400 mm				46130
GWG 23-Wa 700	yellow	700 mm				46131
level sensor GWG 23-Wa special length	yellow	max. 3000 mm				46133

-  in-stock items
-  Non-stock items