Level sensors level sensor GWG 23-Wa special length yellow

Part no. 46133

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 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 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% or 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

Probe length
max. 3000 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
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.
level sensor GWG 23-Wa special length	yellow	max. 3000 mm				46133

- in-stock items
- Non-stock items