

Level sensors GWG 23-Wa 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.

Versions

	Fitting	Probe 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. 3,000 mm	46133

Blue part no. = in-stock items

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.



Technical specifications

Probe length

400 mm, 700 mm, max. 3,000 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

Junction box: Brass/plastic

GWG level sensor fitting: Plastic

ting:

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

ting:

GWG with yellow fitting: Ex II 1/2G Ex ia IIB T3 Ga/Gb

ting: