

Level sensors GWG 12 K/MT with level indicator



Benefits

- Ready-to-mount level sensor combination with level indicator MT-Profil, screw fitting and fitting for wall mounting
- Design as per EN 13616
- Level sensor with metallised sleeve for permanent operation even with biofuel/biodiesel
- With reversible scale (0–150 cm and 0–250 cm) for fast adaptation to the tank height
- Impact-resistant, shock-resistant and deformation-resistant GWG level sensor connection fitting (type 905 yellow)
- Proofed Barrier (odour-tight)
- 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

To be used as part of an overfill alarm system to avoid overfilling of tanks. Designed for use with battery type tanks made of sheet steel according to DIN 6620-1 type B and rectangular tanks according to DIN 6625-1 welded on site with heights between 1 and 4 m and for plastic tanks. 12 K/MT also for tanks in battery arrangement (up to 25 individual tanks). Suitable for use in flood hazard areas.

Versions

	Part no.
Level sensors GWG 12 K/MT with level indicator MT-Profil R	45311

Blue part no. = in-stock items

Description

PTC thermistor type level sensor consisting of mechanical level indicator MT-Profil R, probe, screw fitting, fitting for wall mounting as well as cable between probe and fitting. Watertight up to 10 m water column. Odour-tight. Metallised sleeve. The GWG connection fitting type 905 yellow is shock-resistant, impact-resistant and deformation-resistant.



Technical specifications

Fitting

Type 905 yellow for wall mounting

Process connection

Screw fitting G1½

Operating temperature range

Medium: -25/+50 °C

Medium

Fuel oil EL (DIN 51603-1) with up to 100 % FAME,

Diesel fuel (EN 590) with up to 7 % FAME,

Biodiesel with up to 100 % FAME,

HVO/GTL with up to 100 %

Operating pressure in the tank

Without pressure

Measuring range level (tank height)

Reversible scale 0/150 cm and 0/250 cm

Adjustment range

80 – 338 mm

Probe length

360 mm

Cable length

5 m

Approval

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

EU 574/2014, EN 13616:2004