

Level sensors GWG 12 K/1 360 mm gelb

Part no. 45100

Level sensors for indoor tanks

benefits

- design as per EN 13616
- metallised sleeve for permanent operation even with biopetroleum/biodiesel
- universal use due to variable height adjustment
- impact-resistant, shock-resistant and deformation-resistant GWG level sensor connection fitting (type 905 yellow)
- the right version for each application
- Proofed Barrier (odour-tight)
- 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

To be used as part of an overfill alarm system to avoid overfilling of tanks. For battery tank systems, rectangular tanks welded on site and other indoor 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). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.

Description

PTC thermistor type level sensor consisting of 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 level sensor connection fitting type 905 yellow is shock-resistant, impact-resistant and deformation-resistant. GWG 12 K/1 (bracket) with pre-mounted connection fitting type 905 made of grey plastic. The connection fitting is fixed to an aluminium bracket. The connection cable of the level sensor is factory-wired to the connection fitting. For tanks with direct filling (without filling pipe from the outside). See the ordering table for the available versions, fitting colours, probe and cable lengths. GWG filler cap type 906 (part no. 20430) can also be used.

Technical Specifications

Process connection
Screw fitting G1

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

Medium
Fuel oil EL (DIN 51603-1),
Diesel fuel (EN 590),
liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8,
biofuel/biodiesel with up to 100 % FAME (EN 14214),
HVO/GTL with up to 100 %

Operating pressure in the tank
without pressure

Adjustment range
probe length 360 mm: 80 – 338 mm
probe length 480 mm: 80 – 438 mm

approval
CE marking as per EC Construction Products Regulation 305/2011, EU 574/2014, EN 13616:2004

Material
GWG level sensor fitting: Plastic
Probe tube: Aluminium
Screw fitting: Plastic
PTC thermistor: glass-encapsulated
GWG level sensor sleeve: plastic, metallised

Versions

	Probe length	Probe length	Fitting	Cable length		Part no.
GWG 12 K/1	360 mm		yellow	1.5 m	●	45100

● in-stock items

○ Non-stock items