



Level sensors GWG 12 K/1 C

Part no. 20190

Level sensor with withdrawal system

benefits

- ready-to-mount level sensor combination with withdrawal system and fitting for wall mounting
- design as per EN 13616
- Level sensor with metallised sleeve for permanent operation even with biofuel/biodiesel
- Withdrawal system Euroflex
- integrated, TÜV-tested isolating piece
- with silent check valve
- Euroflex 3 for floating withdrawal, can also be converted for self-securing suction line
- impact-resistant, shock-resistant and deformation-resistant GWG level sensor connection fitting (type 905 yellow)
- PROOFED BARRIER if installed with vent hose
- materials resistant to biofuel and biodiesel mixtures with max. 30 % 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. 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 30 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels. Also for use in flood hazard areas and flood risk areas.

Description

Combination fitting exclusively for individual tanks. 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 screw fitting is a withdrawal system Euroflex 312 with quick-action shut-off valve with connection for flow, return and measuring lines. The GWG level sensor 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 30 % FAME,
Diesel fuel (EN 590) with up to 7 % FAME,
Biodiesel with up to 30 % FAME,
HVO/GTL with up to 100 %

Operating pressure in the tank

without pressure

Measuring range level (tank height)

Adjustment range
80 – 338 mm

Probe length
360 mm

Hose length
2.15 m

Cable length
5 m

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

Versions

			Part no.
Level sensors GWG 12 K/1 C	with withdrawal system Euroflex (2.15)		20190
 in-stock items			
 Non-stock items			