



## Level sensors GWG 23-Wa 700 yellow

**Part no. 46131**

**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 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% 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

700 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. |
|---------------|---------|--------------|-------------|-------------------------------------------------------------------------------------|----------|
| GWG 23-Wa 700 | yellow  | 700 mm       |             |  | 46131    |

-  in-stock items
-  Non-stock items