

Transducer for overfill prevention system (WHG)



benefits

- compact, modern design
- with visual/audible alarms, Test and Acknowledge buttons
- 2 relay outputs for additional alarm equipment, EMS, etc.
- supply voltage AC 230 V or AC/DC 15 - 40 V
- fail-safe, self-monitoring transducer for maximum reliability
- type-approved together with the level probes type 76 as part of an overfill prevention system
- connection of ancillary control unit type 907-Z as an additional control unit possible for connection to road tankers with overfill alarm system

Application

To avoid overfilling of stationary tanks and stationary-use tanks. Suitable for a wide range of flammable and non-flammable water-polluting liquids with a flash point of > 55 °C.

Description

Type-approved together with all level probes type series 76 and UFS 01 as part of an overfill prevention system. UFS 01 in a wall mounting housing consists of a transducer and a suitable level probe (to be ordered separately). The transducer contains all display elements and controls as well as all electronic components for signal processing and conversion of the level probe signal into a digital output signal. The level probe and the transducer are connected by means of a 2-wire signal cable. When the maximum permissible level is reached, UFS 01 triggers visual and audible alarms. The filling process is stopped. The transducer also features two output relays for connection of event reporting systems, the additional alarm unit ZAG 01 or additional equipment. **Ancillary control unit type 907-Z** can be connected as an additional control unit to enable connection to a road tanker with filling system.

Technical Specifications

Operating temperature range

Ambient: -20/+60 °C

Storage: -20/+60 °C

Nominal power

< 10 VA

Switching output

Relay contact: 1 x voltage-free changeover contact

1 voltage-free normally open contact, can be acknowledged

Contact rating: max. AC 250 V, 2 A

Alarm sound

min. 70 dB(A)

Housing

Wall mounting housing made of impact-resistant plastic (ABS)
W x H x D: 100 x 188 x 65 mm
Weight: 0.6 kg
Degree of protection: IP 40 (EN 60529)

approval

DIBt: Z-65.11-193

Versions

			Part no.
Transducer UFS 01	AC 230 V		53202
Transducer UFS 01	AC/DC 15–40 V		53216

-  in-stock items
-  Non-stock items