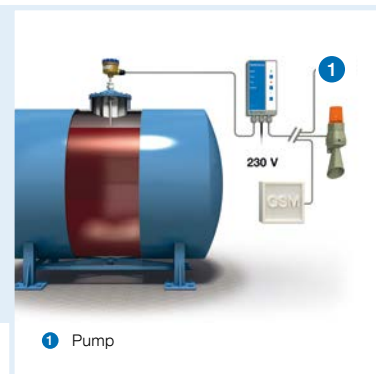
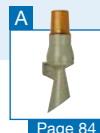
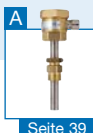


# Transducer for overfill prevention system UFS 01 (WHG)



- Compact, modern design
- With visual/audible alarms, Test and Acknowledge buttons
- 2 relay outputs for additional alarm equipment, EMS, etc.
- Fail-safe, self-monitoring transducer for maximum reliability



**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 > 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 two-wire signal cable. When the maximum permissible level is reached, UFS 01 triggers visual and audible alarms. 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 overfill alarm system.

- Media**
- Fuel oil EL, diesel fuel, biodiesel
  - Diesel/biodiesel mixtures
  - Used gearbox oils and motor oils
  - Unused motor oils, gearbox oils and hydraulic oils
  - Transformer oil
  - Hexanol 1
  - Ethyl aceto-acetate (aceto-acetic ester)
  - Acrylic acid 2-ethyl hexylene ester (2-ethyl hexylene acrylate)
  - Cyclohexyl acetate, benzaldehyde
  - Methyl aceto-acetate
  - Nitrobenzene, 1,2 dichlorobenzene
  - 2,4 dimethylaniline (N, N dimethylaniline)
  - n octanol (n octyl alcohol)
  - Diethyloxalate
  - Aniline
  - Vegetable oil (also as per EN 51605)
  - Oil/water mixtures (e.g. drilling oil or lubricating oil)
  - Perchloroethylene and trichloroethylene
  - Antifreeze agents
  - Cleaning agent/water mixtures
  - AdBlue® (urea solution) as per DIN 70070

as well as comparable water-polluting liquids with identical heat conductivity with a flash point of > 55 °C.

## Technical specifications

### Operating temperature range

Ambient: -20/+60 °C

### Supply voltage

AC 230 V or AC/DC 15 – 40 V

Power input: < 10 VA

### Output relay

1 changeover contact / 1 normally open contact (can be acknowledged)

### Housing

Wall mounting housing made of impact-resistant plastic (ABS)  
W x H x D: 100 x 188 x 65 mm

### Degree of protection

IP 40 (EN 60529)

### Weight

0.6 kg

### Approval for construction products

DIBt: Z-65.11-193



See page 39 for level probes.

	DG	PG	Part no.	Price €
<b>Transducer UFS 01, AC 230 V</b>	H	4	<b>53202</b>	
<b>Transducer UFS 01, AC/DC 15–40 V</b>	H	4	53216	
<b>Mounting frame</b>	G	1	<b>43521</b>	
<b>Sealing kit (IP 54)</b>	G	1	<b>43416</b>	
<b>Ancillary control unit type 907-Z, 230 V</b>	H	2	53232	
<b>Ancillary control unit type 907-Z, DC 24 V</b>	H	2	53262	