

Transducers for overfill prevention systems (WHG)

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Application To avoid overfilling of stationary tanks and stationary-use tanks. Suitable for a wide range of water-polluting liquids with a flash point of > 55 °C (see product description UFS 01 for list of substances).

Transducer NB 220 H

Description Type-approved together with all level probes type series 76 and UFS 01 as part of an overfill prevention system. When the level probe comes in contact with the liquid, the relay switches. Alarm units for visual and audible alarms are additionally required.

Technical specifications

Supply voltage
AC 230 V or DC 24 V

Power input
Max. 4 VA/6 W

Output
Voltage-free changeover contact

Contact rating
AC 250 V, max. 500 VA

Housing (degree of protection)
Plug-in housing, (IP 30)
W x H x D: 50 x 110 x 110 mm

Approval for construction products
DIBt: Z-65.11-193

Transducer NB 220 QS

Type-approved together with all level probes type series 76 and UFS 01 as part of an overfill prevention system. With integrated alarm lamp, alarm horn and Acknowledge button for the alarm horn. An external alarm lamp, alarm horn or the additional alarm unit ZAG 01 can be connected via the output relay. When the level probe comes in contact with the liquid, NB 220 QS generates visual and audible alarms and the relay switches.

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.

Supply voltage
AC 230 V

Power input
Max. 4 VA/6 W

Output current circuits

- 1 x AC 230 V (100 W) e.g. for lamp/solenoid valve, cannot be acknowledged
- 1 x AC 230 V (50 W) e.g. for horn, can be acknowledged

Housing (degree of protection)
Plug-in housing (IP 30)
W x H x D 75 x 150 x 110 mm

Approval for construction products
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See page 39 for level probes.
See page 37 for a list of liquids (substances).

See page 86 for additional alarm unit ZAG 01 with visual/audible alarms.

DG: H	PG			Part no.	Price €
Transducer NB 220 H – AC 230 V	4	1	-	53210	
Transducer NB 220 H – DC 24 V	4	1	-	53219	
Transducer NB 220 QS	4	1	-	53213	