

Level probes for overfill prevention systems (WHG)

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Application Level probe for transducers as part of an overfill prevention system for stationary tanks and stationary-use tanks used to store water-polluting liquids with a flash point of > 55 °C to 100 °C (see product description UFS 01 for list of substances).

Level probe UFS 01

Description Approved as part of an overfill prevention system together with level transducer UFS 01, NB 220 H and NB 220 QS. The level probe UFS 01 consists of a probe tube with a stainless steel-encapsulated PTC thermistor sensor at the lower end, a junction box and a screw fitting. Tube length 100 to 3,000 mm in increments of 100 mm. Standard lengths up to 500 mm. The overfill prevention system must be set up in such a way that a visual alarm and a sufficiently loud audible alarm are triggered when the maximum permissible level is reached.

Technical specifications

Material
 Junction box: Brass/plastic
 Probe tube: Stainless steel 316 Ti
 Screw fitting: Stainless steel 316 Ti
 PTC thermistor: Stainless steel-encapsulated

Process connection
 Connection thread G $\frac{3}{4}$

Operating temperature range
 Medium: -25/+50 °C

Degree of protection
 IP 54 (EN 60529)

Approval for construction products
 DIBt: Z-65.11-193

Level probe type 76 AH

Approved as part of an overfill prevention system together with level transducer UFS 01, NB 220 H and NB 220 QS. The level probe type 76 AH consists of a probe tube with a stainless steel-encapsulated PTC thermistor sensor at the lower end, a junction box and a screw fitting. Tube length 100 to 3,000 mm in increments of 100 mm. Standard lengths up to 500 mm. The overfill prevention system must be set up in such a way that a visual alarm and a sufficiently loud audible alarm are triggered when the maximum permissible level is reached.

Material
 Junction box: Brass
 Probe tube: Stainless steel 304 or 316 Ti
 Screw fitting: Brass
 PTC thermistor: Stainless steel-encapsulated

Process connection
 Connection thread G $\frac{3}{4}$

Operating temperature range
 Medium: -25/+80 °C

Degree of protection
 IP 54 (EN 60529)

Approval for construction products
 DIBt: Z-65.11-193

DG: H, PG: 3	Part no.	Price €
Level probe UFS 01		
100 mm	53245	
200 mm	53246	
300 mm	53247	
400 mm	53248	
500 mm	53249	
Special length	53243	On request
Level probe type 76 AH*		
500 mm	53214	

*Please enquire for other response lengths.

i See page 38 for a list of liquids (list of substances).