

Level probe LS 300 EU for overfill prevention system LS for Ex (WHG)



Benefits

- Approved as part of an overfill prevention system as per German WHG together with level transducer LS 500
- Self-monitoring with automatic corrosion monitoring
- All wetted parts made of stainless steel 316 Ti
- Suitable for use in liquids with an overpressure of 3 bar
- Ex approval

Application

Level probe for transducers as part of an overfill prevention system for stationary and stationary-use tanks. Suitable for installation in all tank versions. Approved without list of substances for water-polluting liquids, also with flash point < 55 °C.

Versions

	Length	Part no.
Level probe LS 300 EU	500 mm	53300

Blue part no. = in-stock items

Description

Approved part of an overfill prevention system according to WHG together with the LS 500 transducer – self-monitoring and with automatic corrosion monitoring. LS 300 EU consists of a height-adjustable probe tube with a PTC thermistor sensor element at the bottom end, screw fitting and a junction box with integrated overvoltage protection. Standard length 500 mm, max. length 3,000 mm. The level probe can be used in flammable liquids up to 3 bar overpressure.



Technical specifications

Material

Junction box:	Brass, chrome-plated
Probe tube:	Stainless steel 316 Ti
Screw fitting:	Stainless steel 316 Ti
PTC thermistor:	Stainless steel-encapsulated

Process connection

Einschraubgewinde G¾

Operating temperature range

Medium: -25/+50 °C

Degree of protection

IP 67 (EN 60529)

Approval

DIBt: Z-65.11-228

EU type examination certificate

TÜV 00 ATEX 1656X Ex II 1G Ex ia IIC T4 und Ex II 1/2G Ex ia IIC T4