

TORRIX XTS

The all-rounder for level measurement

In addition to pure level measurement of the product and/or interface layer, the TORRIX XTS offers the option of temperature and density measurement. The integrated LC display can be set to show the desired parameters.

Why TORRIX XTS?

Advantages

- + Highly accurate level measurement
- + Interface measurement
- + Optional temperature measurement
- + Optional density measurement
- + Volume calculation
- + Integrated LC display
- + Measuring interval every 12 ms
- + Combined interface:
4 to 20 mA / HART® and RS-485
Modbus and FAFNIR protocol
- + No recalibration necessary
- + Use in Ex zone 0
- + Intrinsically safe or pressure
resistant encapsulated design
- + Maintenance free

Application area

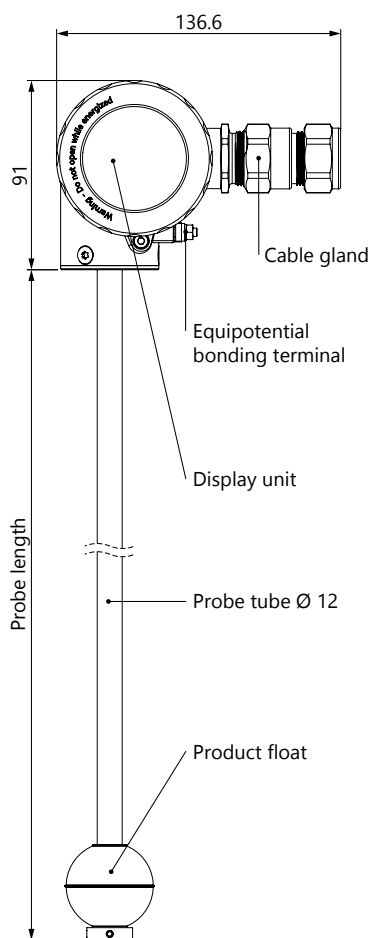
Different versions of the probe tube offer numerous application possibilities. The TORRIX XTS covers everything

from the standard 12 mm tube, a bypass version and a flexible probe with the maximum length of 22 m.



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TORRIX XTS – Technical Data



Sensor head

Housing protection class	IP68
Material	Stainless steel 1.4404, safety glass
Ambient temperature	-20 °C to +85 °C; -55 °C to +85 °C with heating (Ex d only)

Probe tube

Material	Stainless steel 1.4571
Probe lengths	600 mm up to 22,000 mm

Accuracy

Level	up to ± 0.3 mm or ± 0.01 %
Resolution (HART®)	0.1 mm

Electrical connection

Connection	Cable gland or conduit
Voltage	Ex ia 12 to 30 V _{DC} ; Ex d 12 to 50 V _{DC}
Output signal	4 to 20 mA (2 wire)/HART®-protocol; RS-485 (4 wire)/Modbus or FAFNIR Universal Device Protocol

Process conditions

Temperature	up to +450 °C
Pressure	-1 bar to +120 bar

Approval

Ex-Zone 0 (ATEX, IECEx)