

# TORRIX XTS

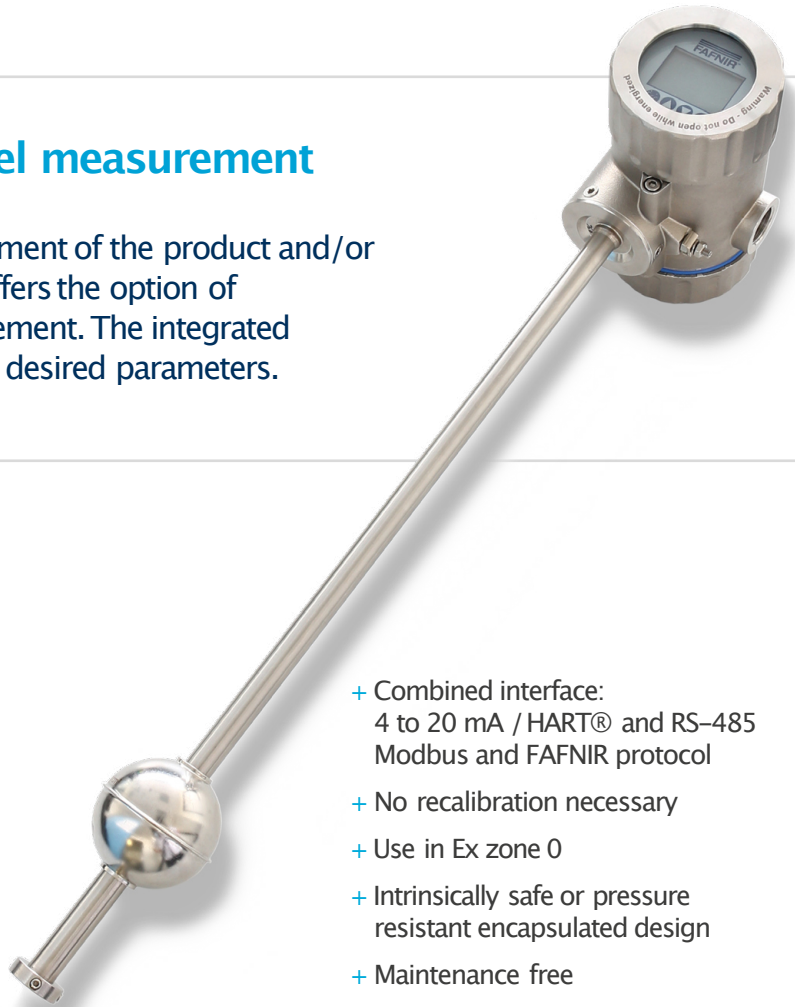
## The all-rounder for level measurement

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 12ms
- + 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

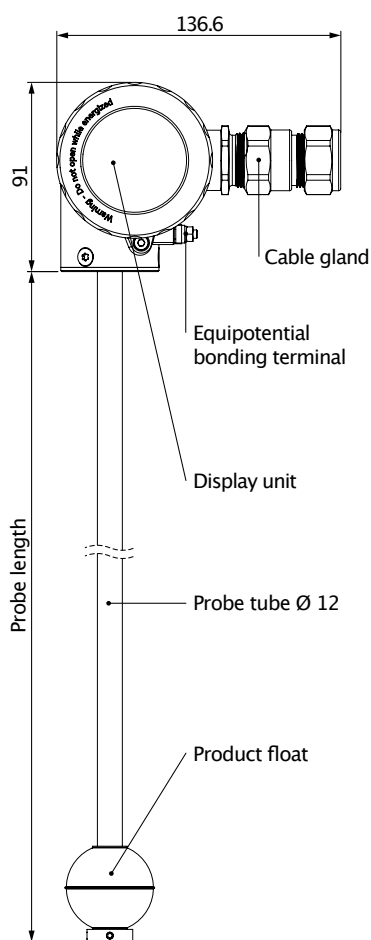
Different versions of the probe tube offer numerous application possibilities. The TORRIX XTS covers everything

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



# TORRIX XTS

## 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 <sub>DC</sub> ; Ex d 12 to 50 V <sub>DC</sub>
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)

**FAFNIR GmbH**  
Schnackenburgallee 149 c  
22525 Hamburg  
Phone: +49/40/39 82 07-0  
Fax: +49/40/390 63 39  
E-mail: [info@fafnir.com](mailto:info@fafnir.com)  
Internet: [www.fafnir.com](http://www.fafnir.com)

**Intercontrol**  
Ijsselburcht 26  
6825 BP Arnhem  
Tel. +31 (0) 26 4425 204  
[info@intercontrol.eu](mailto:info@intercontrol.eu)