

TORRIX Flex

The high-precision level sensor for bulk storage tanks

Function description:

The TORRIX Flex level sensor can be rolled up and therefore be easily transported even in the case of long probe lengths.

In rooms with a low ceiling height, it is often not possible to install rigid sensors in tanks. The TORRIX Flex level sensor is the ideal solution for such a situation.

The probe does not need to be unrolled until the time of installation. It provides the same reliability and quality, and ease of handling without complex adjustment, as our already successful TORRIX level sensors.



- Simple to install and set up
- Low transport costs
- No problem with low ceilings

BENEFITS of FAFNIR technology

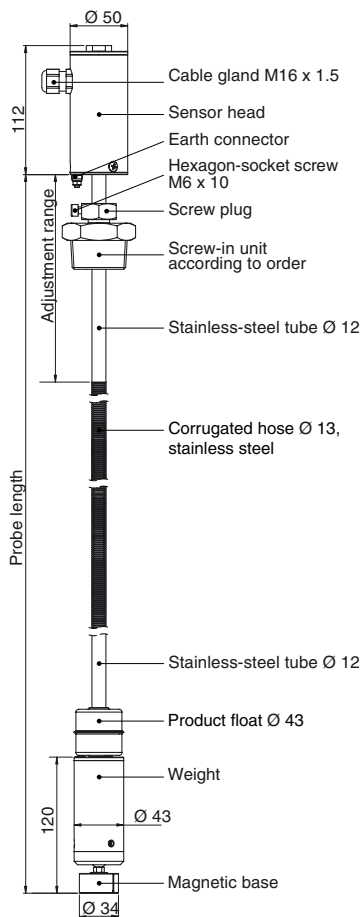
- Simple to install and set up
- Suitable for use even with low ceilings
- Low transport costs thanks to compact packaging
- Separation layer measurement
- **HART**[®] protocol
- Measurement analyses by microcontroller
- Measurement intervals every 12 ms
- Suitable for use in ex-zone 0 (ATEX, IECEx approval)
- Robust construction for long life
- Resistant to shock and vibration
- Maintenance-free
- No suppression of interference signals required, as is the case with radar



Applications:

- Fluids up to a viscosity of 4,000 mPa / second (cST)
- The sensor can also be installed in an immersion tube. In conjunction with a pressure vessel, e.g. an LPG tank, the sensor is installed in the depressurised section.

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TORRIX Flex technical data:

Probe length:	Maximum 15 m
Accuracy:	Precision: ± 2 mm Repeatability: ± 0.5 mm Resolution: 0.001 mm
Process connection:	Screw-in unit for height adjustable fitting G 1/2 stainless steel G 1 1/2 stainless steel standard flange R 1 1/2 brass
Electrical connection:	M12 cable gland plug connector
Output signal:	4-20 mA (2 conductors) HART [®] protocol
Protection type of housing:	IP68
Sensor materials:	Housing in stainless steel: 1.4305 Tube: 1.4305 Corrugated hose: 1.4404
Weight:	Stainless steel or brass Encapsulation of the holding magnet: conductive plastic (PTFE with graphite)
Approvals:	Ex-zone 0 (ATEX, IECEx approval) (immersion tube)
Temperature range:	Media temperature from -40 °C to +125 °C

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