

TORRIX CS

The compact TORRIX – now available with integrated display

The TORRIX CS complements the TORRIX program with a compact magnetostrictive level sensor with LED display. The LED display shows the fill level directly on the tank.

Why TORRIX CS?

Advantages

- + Highly accurate level measurement
- + Integrated LED display
- + Measuring interval every 20 ms
- + 4 to 20 mA/HART®
- + No recalibration necessary
- + Maintenance free
- + Unit of measurement: mA, %, mm and inch



Application area

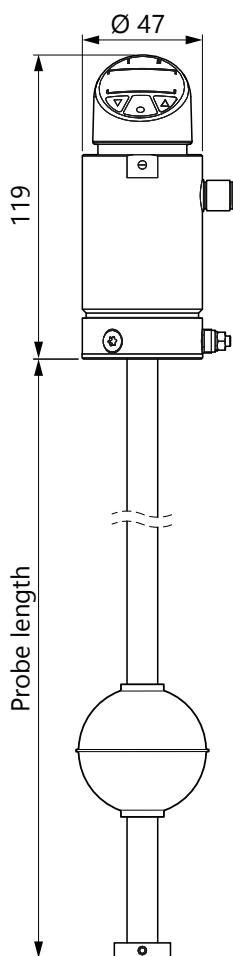
The TORRIX CS covers everything: from the 6 mm tube for laboratory applications, the standard 12 mm tube,

a bypass variant to a flexible probe with a maximum length of 22 meter.



TORRIX CS

TORRIX CS – Technische Daten



Sensor head

Housing protection class	IP65
Material	Stainless steel 1.4305; plastic
Ambient temperature	-20 °C to +80 °C
Cable connection	M12 connector

Probe tube

Material	Stainless steel 1.4571
Probe lengths	100 mm up to 22.000 mm

Accuracy

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

Electrical connection

Connection	2-wire
Voltage	13 ... 50 V _{DC}
Output signal	Output power: 4 ... 20 mA / HART®; Failure mode according to NAMUR NE43
HART®-Functions	Float position in mm, cm, m, inch or feet; Position of a second float; Interface (Difference between floats); Sensor status information; Configuration

Process conditions

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



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