

# TORRIX

## Technical data

Name		TORRIX	TORRIX flange
	Technical drawing		
	Process connection*	Height adjustable with cutting ring coupling: all common threads.	Welded: all common threads and flanges
	Probe head		
	Protection class	IP68	
	Material	Standard: Stainless steel 303; optional: Stainless steel 316 L	
	Cable terminal	M16 x 1.5 cable gland for cable diameter 5 to 10 mm; optional: 1/2" NPT threads for conduit cabling; M12 plug	
	Ambient temperature	- 40 °C to +85 °C	
	Probe tube		
	Material	Standard: Stainless steel 316 Ti; optional: Stainless steel 316 L, Hastelloy®, titanium, tantalum, stainless steel 316 Ti coated	
	Diameter	12 mm	
	Length	200 mm to 6,000 mm Highest temperature versions up to 3,000 mm	
	Accuracy		
	Filling level	±0.5 mm or ±0.025 %, optional ±0.3 mm or ±0.01 %	
	Resolution (HART®)	0.1 mm	
	Electrical connection		
	Connection	2-wire	
Voltage	8 to 30 V <sub>DC</sub> , Ex version 10 to 30 V <sub>DC</sub>		
Signal	Power output: 4 to 20 mA/HART®		
HART® functions	Float position in mm, cm, m, inches or feet; positioning of second float; separation layer (difference between floats); sensor status information		
Process conditions			
Temperature	Normal temperature (NT): - 40 °C to +125 °C High temperature (HT): - 40 °C to +250 °C Highest temperature (HHT): - 40 °C to +450 °C Low temperature (LT): - 65 °C to +125 °C		
Pressure**	0 bar to 120 bar (room temperature) 0 bar to 95 bar (250 °C) 0 bar to 82 bar (450 °C)		
Options			
	Vibration resistant design (to OIML D11)		
	High pressure version up to 200 bar		
	ATEX and IECEx approval		
	Material and calibration certificate		

\* See order information page 8 \*\* Higher pressure version on request.