

TORRIX Flex

Technical data

Name	TORRIX Flex T	TORRIX Flex F
Technical drawing		
Process connection	Height adjustable with cutting ring; Compression fitting: all common threads/flanges; Others on request	
Sensor head		
Protection class	IP68	
Material	Standard: stainless steel 303	
Cable connection	M16 x 1,5 cable gland for cable diameter 5 to 10 mm; Optional: ½" NPT thread for conduit cabling; M12 connector	
Ambient temperature	- 40 °C to + 85 °C	
Probe tube		
Material	Stainless steel 316 Ti	
Diameter	12 mm	
Length	500 mm / 500 mm	200 mm / 300 mm
Corrugated hose		
Material	Stainless steel 316 L	
Diameter	12 mm	
Length	3,500 mm ... 22,000 mm	1,500 mm ... 5,000 mm
Accuracy		
Level	± 2 mm	
Resolution (HART®)	0.1 mm	
Electrical connection		
Connection	2-wire/4-wire	
Voltage	Ex-version 8 to 30 V _{DC}	
Signal	Output: 4 to 20 mA/HART®; RS-485; FAFNIR VISY-X interface	
HART® -Functions	Float position in mm, cm, m; Position of the second floats; Separating layer (difference of the floats); Sensor status information	
Process conditions		
Temperature	- 40 °C to + 85 °C	
Pressure	- 1 bar ... 2 bar (+ 85 °C)	
Options	ATEX and IECEx for Zone 0; SIL 2 suitable (IEC 61508); 5 temperature sensors	

