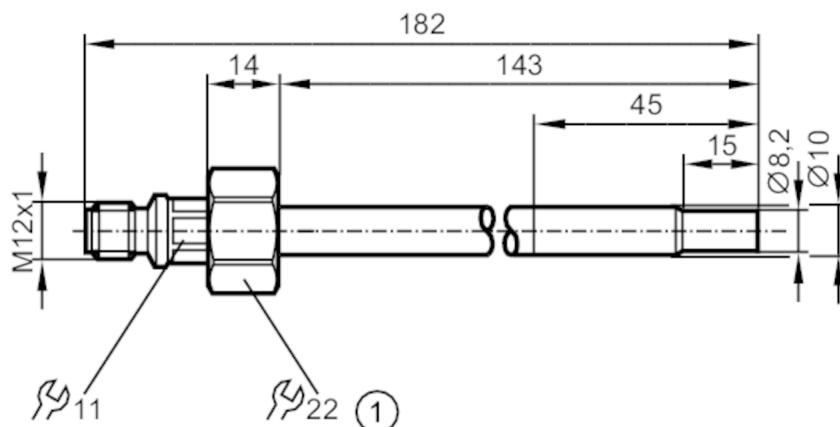


SF5703



Flow sensor for connection to an evaluation unit

SFD10ADT /US-100



1 Internal thread M18 x 1;5



Application		
Media		Liquids; Gases; aggressive media
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	100
Liquids		
Medium temperature	[°C]	-25...80
Gases		
Medium temperature	[°C]	-25...80
Electrical data		
Connection to control monitor		VS3000
Measuring/setting range		
Probe length L	[mm]	143
Liquids		
Setting range	[cm/s]	3...300
Greatest sensitivity	[cm/s]	3...60
Gases		
Setting range	[cm/s]	200...3000
Greatest sensitivity	[cm/s]	200...800
Accuracy / deviations		
Temperature gradient	[K/min]	300
Response times		
Response time	[s]	1...10
Liquids		
Response time	[s]	1...10
Gases		
Response time	[s]	1...10
Operating conditions		
Protection		IP 67

SF5703



Flow sensor for connection to an evaluation unit

SFD10ADT /US-100

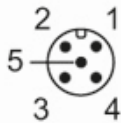
Tests / approvals		
Shock resistance	DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF [years]	8393.77	

Mechanical data		
Weight [g]	74	
Housing	for adapter	
Dimensions [mm]	M18 x 1.5	
Thread designation	M18 x 1.5	
Materials	titanium (3.7035); EPDM; ULTEM	
Materials (wetted parts)	titanium (3.7035); O-ring: FKM 80 Shore A	
Process connection	M18 x 1,5 internal thread	

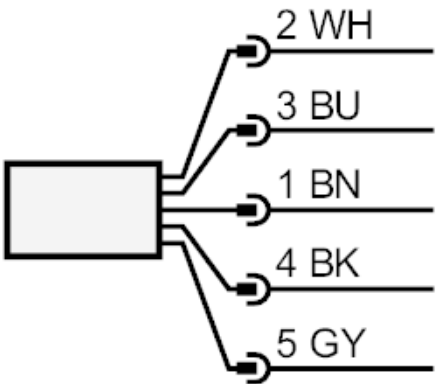
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; Maximum cable length: 100 m



Connection



Core colours :	
BN =	brown
BU =	blue
BK =	black
WH =	white
GY =	grey