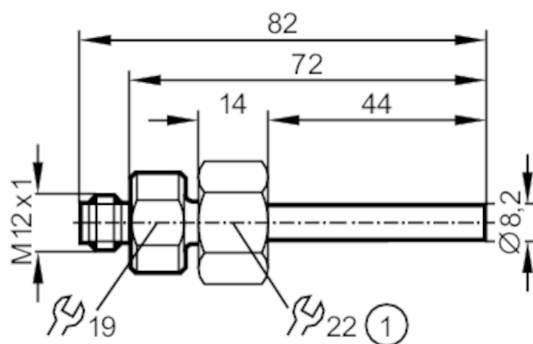


SF5700



Flow sensor for connection to an evaluation unit

SFD10ADT /US-100



1 internal thread M18 x 1,5



Product characteristics

Probe length L	[mm]	45
Process connection		threaded connection M18 x 1,5 internal thread

Application

Media		Liquids; Gases; aggressive media
Medium temperature	[°C]	-25...80
Pressure rating	100 bar	10 MPa

Electrical data

Connection to control monitor		VS3000
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Measuring/setting range

Probe length L	[mm]	45
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
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Response times

Response time	[s]	1...10
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Operating conditions

Storage temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

Shock resistance	DIN IEC 68-2-27	40 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF	[years]	8213

SF5700



Flow sensor for connection to an evaluation unit

SFD10ADT /US-100

Mechanical data

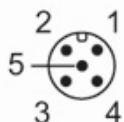
Weight	[g]	91
Housing		cylindrical
Dimensions	[mm]	M18 x 1.5 / L = 82
Thread designation		M18 x 1.5
Materials		stainless steel (316L/1.4404); EPDM
Materials (wetted parts)		titanium (3.7035); O-ring: FKM 80 Shore A
Process connection		threaded connection M18 x 1,5 internal thread
Probe diameter	[mm]	8.2
Installation length EL	[mm]	44

Remarks

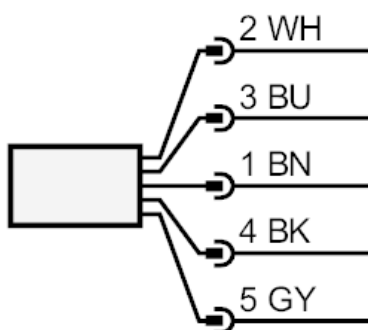
Pack quantity	1 pcs.
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Electrical connection

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



Connection



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