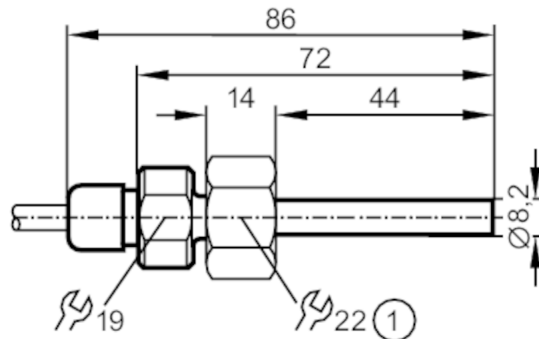


SF5800



Flow sensor for connection to an evaluation unit

SFD10ZDT /6M



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

Application		high-temperature range
Media		Liquids; Gases; aggressive media
Pressure rating	100 bar	10 MPa

Liquids

Medium temperature	[°C]	0...120
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Gases

Medium temperature	[°C]	0...100
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Electrical data

Connection to control monitor		VS3000
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Measuring/setting range

Probe length L	[mm]	45
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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

SF5800



Flow sensor for connection to an evaluation unit

SFD10ZDT /6M

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]		8096

Mechanical data

Weight [g]	449.5
Housing	cylindrical
Materials	titanium (3.7035)
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

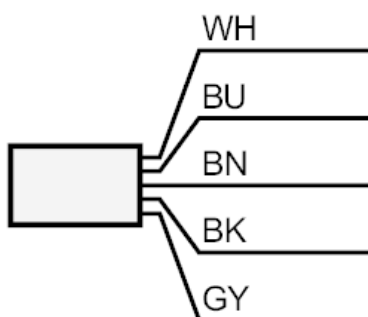
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 6 m, silicone; Maximum cable length: 100 m; 5 x 0.34 mm²

Connection



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