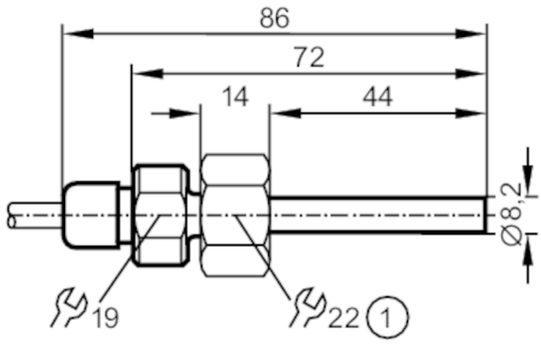
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SF5800

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	
Gases			
Medium temperature	[°C]	0...100	
Electrical data			
Connection to control monitor		VS3000	
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	
Response times			
Response time	[s]	1...10	
Operating conditions			
Storage temperature	[°C]	-25...80	
Protection		IP 67	

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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	

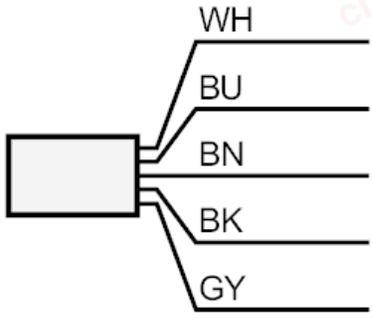
Mechanical data		
Weight	[g]	449.5
Housing		cylindrical
Materials		titanium (3.7035)
Materials (wetted parts)		titanium (3.7035); O-ring: FKM 80 Shore A
Process connection		threaded connection M18 x 1,5 internal thread
Probe diameter	[mm]	8.2
Installation length EL	[mm]	44

Remarks	
Pack quantity	1 pcs.

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