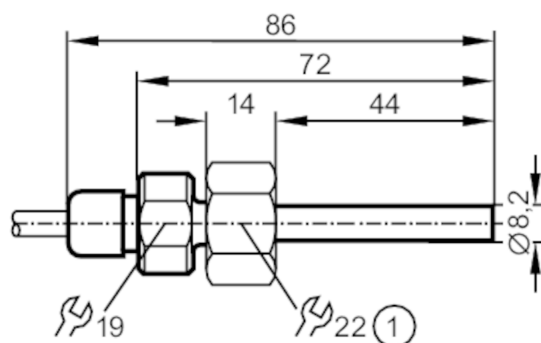


SF5800



Flow sensor for connection to an evaluation unit

SFD10ZDT /6M



1 Internal thread M18 x 1;5



Application

Application	high-temperature range
Media	Liquids; Gases; aggressive media
Pressure rating [bar]	100
Liquids	
Application	high-temperature range
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
Liquids	
Response time [s]	1...10
Gases	
Response time [s]	1...10

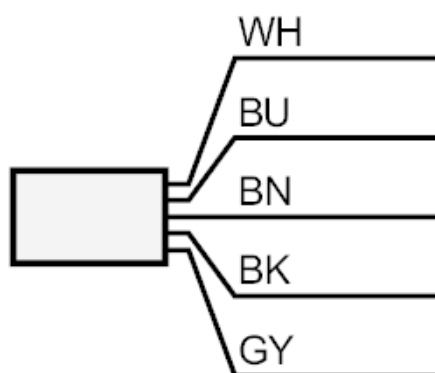
SF5800



Flow sensor for connection to an evaluation unit

SFD10ZDT /6M

Operating conditions		
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]	8096	
Mechanical data		
Weight [g]	445	
Housing	for adapter	
Dimensions [mm]	M18 x 1.5	
Thread designation	M18 x 1.5	
Materials	titanium (3.7035)	
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		
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