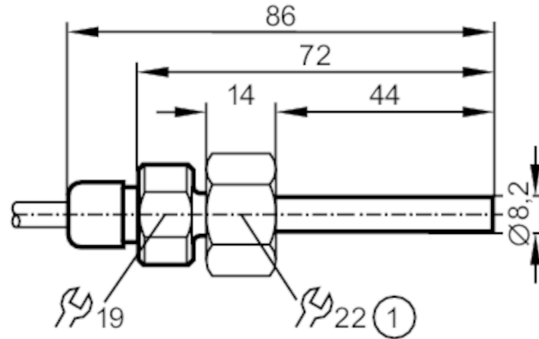


# SF5800



## 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
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	
Max. temperature gradient of [K/min] medium	300
Reaction times	
Response time [s]	1...10
Operating conditions	
Storage temperature [°C]	-25...80

# SF5800



## Flow sensor for connection to an evaluation unit

SFD10ZDT /6M

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	tubular
Material	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

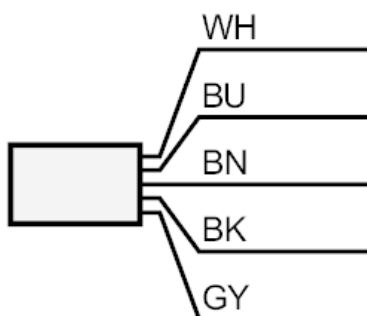
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Cable: 6 m, silicone; Maximum cable length: 100 m; 5 x 0.34 mm<sup>2</sup>

### Connection



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