

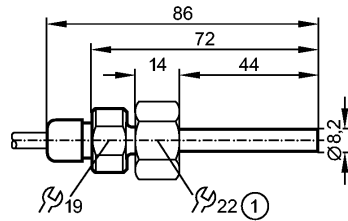


SF5800

SFD10ZDT /6M



Flow sensors



1: internal thread M18 x 1.5



Product characteristics

Flow sensor for connection to evaluation units

for adapter

Cable

Process connection: internal thread M18 x 1.5 for adapter (titanium)

Application

Application: liquids and gases, aggressive media, high temperature

Pressure rating [bar]: 100

Medium temperature Liquids [°C]: 0...120

Medium temperature Gases [°C]: 0...100

Electrical data

Connection to control monitor: VS3000

Measuring / setting range

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 medium [K/min]: 300

Reaction times

Response time [s]: 1...10

Environment

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

Process connection: internal thread M18 x 1.5 for adapter (titanium)

Materials (wetted parts): titanium (3.7035); O-ring: FKM 8 x 1.5 gr 80° Shore A

Housing materials: titanium (3.7035)

Probe length L [mm]: 45

Weight [kg]: 0.44



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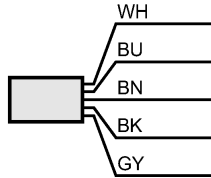
Electrical connection

Connection	silicone-sheated cable / 6 m; 5 x 0.34 mm ²	
Max. cable length	[m]	100 (5 x 0.5mm ²)

Wiring

Core colors

- BN brown
- BU blue
- BK black
- WH white
- GY grey



Remarks

Pack quantity	[piece]	1
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