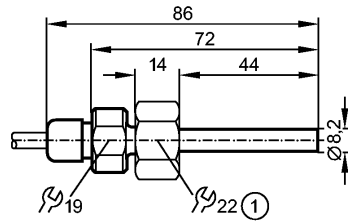


SF5300

SFD10ZDB /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

Application

Application	liquids and gases, high temperature
Pressure rating [bar]	300
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
Materials (wetted parts)	stainless steel 316L / 1.4404; O-ring: FKM 8 x 1.5 gr 80° Shore A
Housing materials	nut: high-grade stainless steel; cable gland: FKM; nut for cable gland: brass nickel-plated; housing: brass nickel-plated
Probe length L [mm]	45

SF5300

SFD10ZDB /6M

Flow sensors

Weight	[kg]	0.449
--------	------	-------

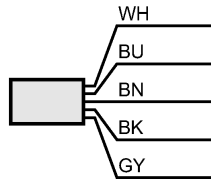
Electrical connection

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
---------------	---------	---