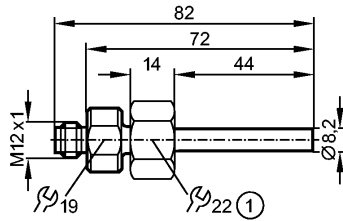


**SF5200**

SFD10ADB /US-100

Flow sensors



1: internal thread M18 x 1.5



**Product characteristics**

Flow sensor for connection to evaluation units  
 for adapter  
 Quick disconnect  
 Process connection: internal thread M18 x 1.5 for adapter

**Application**

Application	liquids and gases
Pressure rating [bar]	300
Medium temperature [°C]	-25...80

**Electrical data**

Connection to control monitor	VS3000
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**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
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**Reaction times**

Response time [s]	1...10
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**Environment**

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]		8213

**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	stainless steel 316L / 1.4404
Probe length L [mm]	45
Weight [kg]	0.088

**Electrical connection**

## SF5200

SFD10ADB /US-100

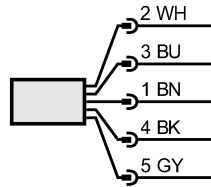
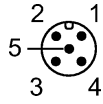
Flow sensors

Connection	M12 connector
Max. cable length [m]	100 (5 x 0.5mm <sup>2</sup> )

### Wiring

Core colors

BN brown  
 BU blue  
 BK black  
 WH white  
 GY grey



### Remarks

Pack quantity [piece]	1
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