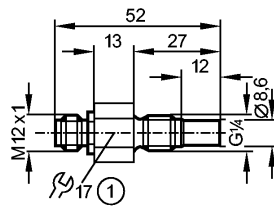


**SF2405**

SFR14XBK/US-100

Flow sensors



1: tightening torque max. 8 Nm



**Product characteristics**

Flow sensor for connection to evaluation units
Threaded type
Quick disconnect
Process connection: G ¼ A

**Application**

Application	Aggressive liquid media
Pressure rating [bar]	30
Medium temperature [°C]	5...70

**Electrical data**

Connection to control monitor	VS3000
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**Measuring / setting range**

Liquids	
Setting range [cm/s]	3...60
Greatest sensitivity [cm/s]	3...40
Gases	
Setting range [cm/s]	-
Greatest sensitivity [cm/s]	-

**Accuracy / deviations**

Max. temperature gradient of medium [K/min]	7
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**Reaction times**

Response time [s]	2...20
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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]		8648

**Mechanical data**

Process connection	G ¼ A
Materials (wetted parts)	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Housing materials	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Probe length L [mm]	12
Installation length EL [mm]	27
Weight [kg]	0.041

**Electrical connection**

## SF2405

SFR14XBK/US-100

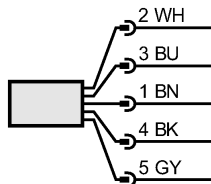
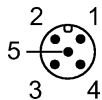
Flow sensors

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



### Accessories

Accessories (included)	packing washer PTFE
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### Remarks

Remarks	For sealing use the supplied PTFE packing washer.
Pack quantity [piece]	1