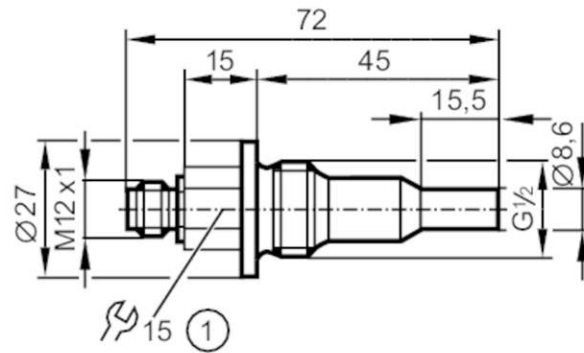


# SF3405



## Flow sensor for connection to an evaluation unit

SFR12XBK/US-100



1 tightening torque max. 30 Nm



### Product characteristics

Probe length L	[mm]	30
Process connection		threaded connection G 1/2 external thread

### Application

Media		Liquids; aggressive media
Medium temperature	[°C]	5...70
Pressure rating		30 bar 3 MPa

### Liquids

Medium temperature	[°C]	5...70
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### Electrical data

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

Probe length L	[mm]	30
Liquids		
Setting range	[cm/s]	3...60
Greatest sensitivity	[cm/s]	3...40

### Accuracy / deviations

Temperature gradient	[K/min]	7
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### Response times

Response time	[s]	2...20
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### Liquids

Response time	[s]	2...20
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### Operating conditions

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

Weight	[g]	55
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# SF3405



## Flow sensor for connection to an evaluation unit

SFR12XBK/US-100

Housing	cylindrical
Materials	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Materials (wetted parts)	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Process connection	threaded connection G 1/2 external thread
Probe diameter [mm]	8.6
Installation length EL [mm]	45

### Accessories

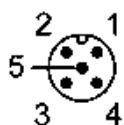
Items supplied	sealings: 1, PTFE
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### Remarks

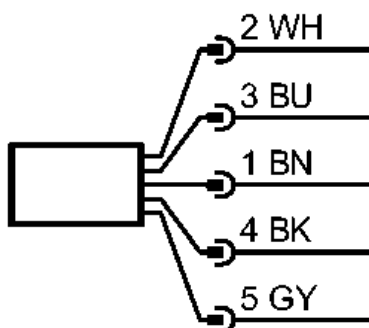
Remarks	For sealing use the supplied PTFE packing washer.
Pack quantity	1 pcs.

### Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 100 m



### Connection



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