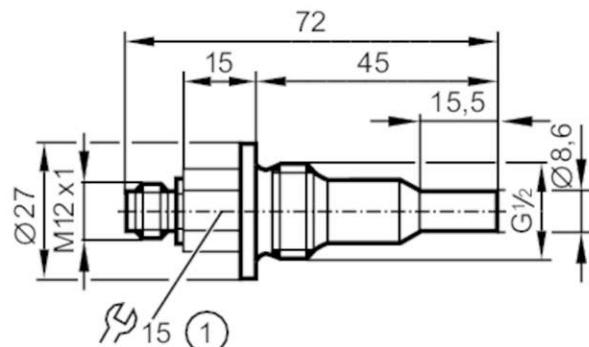


# SF3405



## Flow sensor for connection to an evaluation unit

SFR12XBK/US-100



1 tightening torque max. 30 Nm



### Product characteristics

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

Media		Liquids; aggressive media
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Medium temperature	[°C]	5...70
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Pressure rating		30 bar	3 MPa
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### 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
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Liquids	
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Setting range	[cm/s]	3...60
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Greatest sensitivity	[cm/s]	3...40
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### 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)
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Vibration resistance	DIN IEC 68-2-6	10 g (55...2000 Hz)
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MTTF	[years]	8213
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### 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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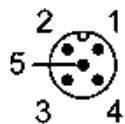
## Remarks

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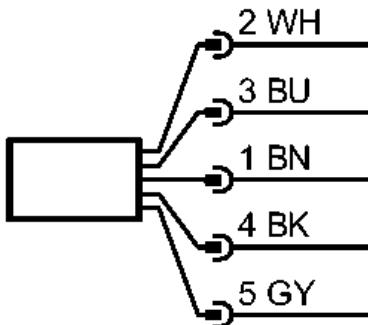
Pack quantity	1 pcs.
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## Electrical connection

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



## Connection



### Core colours :

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