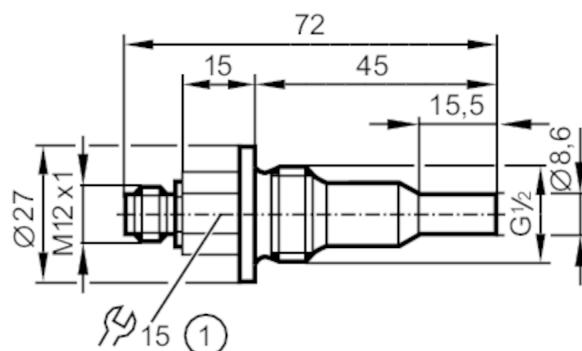


# SF3405



## 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		G 1/2 external thread

### Application

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

### 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

# SF3405



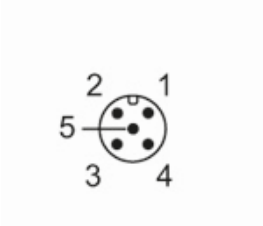
## Flow sensor for connection to an evaluation unit

SFR12XBK/US-100

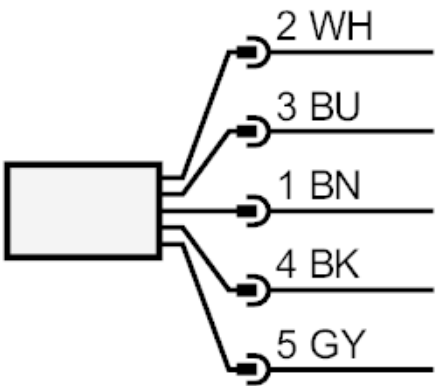
Mechanical data	
Weight	[g] 55
Housing	threaded type
Materials	ceramics (99.7 % Al2O3)
Materials (wetted parts)	ceramics (99.7 % Al2O3)
Process connection	G 1/2 external thread
Installation length EL	[mm] 45
Accessories	
Accessories (supplied)	sealings: 1, PTFE
Remarks	
Remarks	For sealing use the supplied PTFE packing washer.
Pack quantity	1 pcs.

### Electrical connection

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



### Connection



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