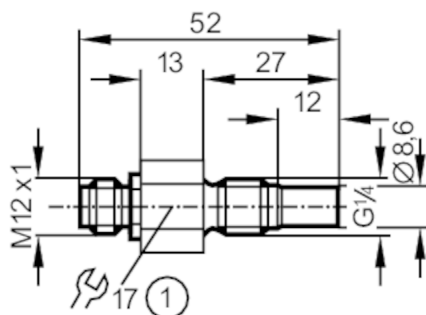


SF2405



Flow sensor for connection to an evaluation unit

SFR14XBK/US-100



1 tightening torque max. 8 Nm



Product characteristics

Probe length L	[mm]	12
Process connection		threaded connection G 1/4 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]	12
Liquids		
Setting range	[cm/s]	3...60
Greatest sensitivity	[cm/s]	3...40

Accuracy / deviations

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

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

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]	8648

SF2405



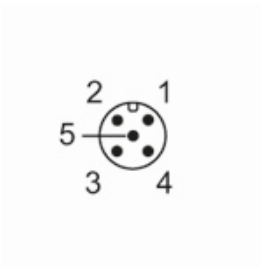
Flow sensor for connection to an evaluation unit

SFR14XBK/US-100

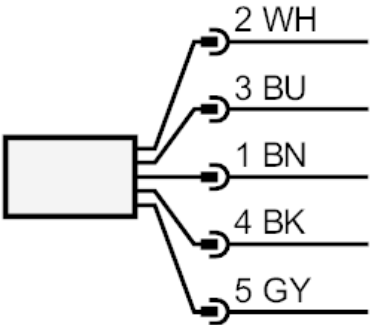
Mechanical data		
Weight	[g]	41.5
Housing		tubular
Material		ceramics (99.7 % Al ₂ O ₃)
Materials (wetted parts)		ceramics (99.7 % Al ₂ O ₃)
Process connection		threaded connection G 1/4 external thread
Probe diameter	[mm]	8.6
Installation length EL	[mm]	27

Accessories	
Items supplied	sealings: 1, PTFE
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 colors :	
BN =	brown
BU =	blue
BK =	black
WH =	white
GY =	grey