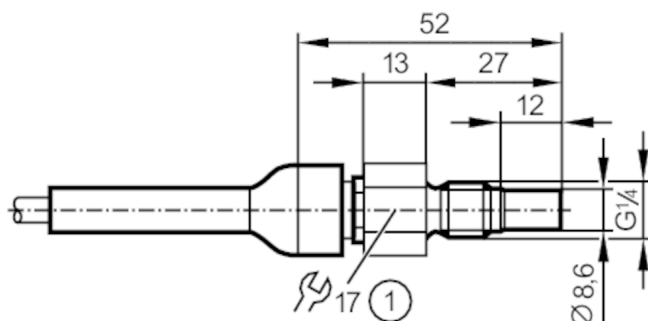


SF2410



Flow sensor for connection to an evaluation unit

SFR14XBK/6M



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

Electrical data

Connection to control monitor	VS3000
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Measuring/setting range

Probe length L	[mm]	12
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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

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	

Mechanical data

Weight	[g]	379
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SF2410



Flow sensor for connection to an evaluation unit

SFR14XBK/6M

Housing	cylindrical
Materials	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
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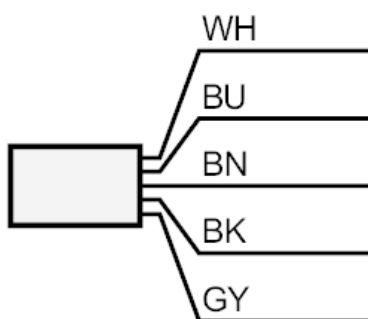
Remarks

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

Electrical connection

Cable: 6 m, PUR; Maximum cable length: 100 m; 5 x 0.34 mm², PVC

Connection



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