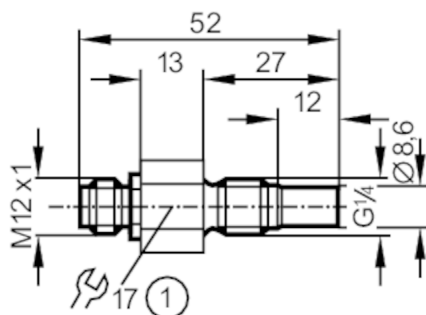


SF2405



Flow sensor for connection to an evaluation unit

SFR14XBK/US-100



1 tightening torque max. 8 Nm



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]	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
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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]	8648

SF2405



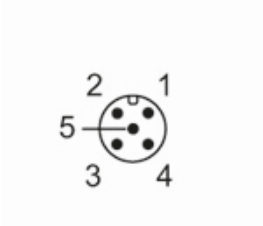
Flow sensor for connection to an evaluation unit

SFR14XBK/US-100

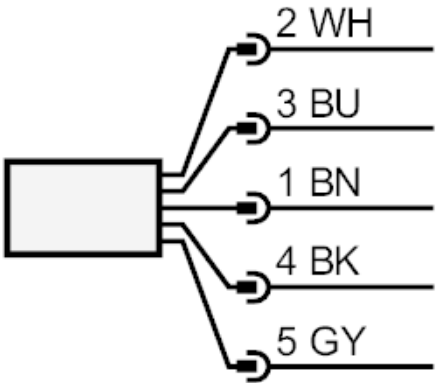
Mechanical data		
Weight	[g]	42.5
Housing		threaded type
Materials		ceramics (99.7 % Al2O3)
Materials (wetted parts)		ceramics (99.7 % Al2O3)
Process connection		G 1/4 external thread
Installation length EL	[mm]	27
Accessories		
Accessories (supplied)		sealings: 1, PTFE
Remarks		
Remarks		For sealing 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