

SF0540



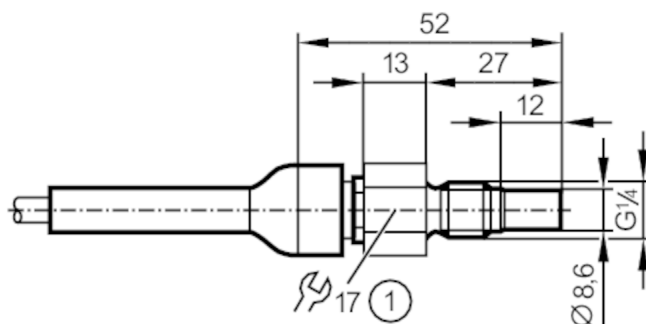
Flow sensor for connection to an evaluation unit

SFR14XBK/16M

Article to be discontinued

Alternative articles: SF2410

When selecting an alternative article and accessories please note that technical data may differ!



1 tightening torque max. 8 Nm



Product characteristics

Probe length L	[mm]	12
Process connection		G 1/4 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]	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
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Liquids

Response time	[s]	2...20
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Operating conditions

Protection		IP 67
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SF0540



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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]	1112.8
Housing	Threaded type
Material	ceramics (99.7 % Al ₂ O ₃)
Materials (wetted parts)	ceramics (99.7 % Al ₂ O ₃)
Process connection	G 1/4 external thread
Installation length EL [mm]	27

Accessories

Items supplied	sealings: 1, PTFE
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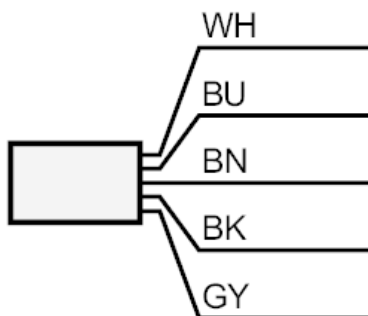
Remarks

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

Electrical connection

Cable: 16 m, PUR; Maximum cable length: 100 m; 5 x 0.34 mm², PVC

Connection



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