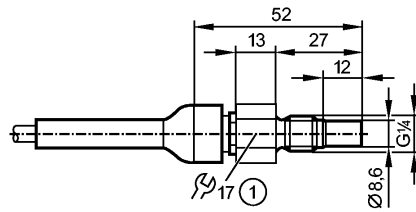


SF0540

SFR14XBK/16M

Flow sensors

Alternative article: SF2410
When selecting an alternative article and accessories please note that technical data may differ!



1: tightening torque max. 8 Nm

Product characteristics

Flow sensor for connection to evaluation units	
Threaded type	
Cable	
Process connection: G ¼ A	

Application

Application		Aggressive liquid media
Pressure rating [bar]		30
Medium temperature [°C]		5...70

Electrical data

Connection to control monitor	VS3000
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Measuring / setting range

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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Environment

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

Process connection	G ¼ A
Materials (wetted parts)	ceramics (99.7 % Al2 O3)
Housing materials	ceramics (99.7 % Al2 O3)
Probe length L [mm]	12
Installation length EL [mm]	27
Weight [kg]	1.113

Electrical connection

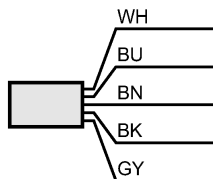
Connection	PUR / PVC cable / 16 m; 5 x 0.34 mm²
Max. cable length [m]	100 (5 x 0.5mm²)

Wiring

SF0540

SFR14XBK/16M

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



Accessories

Accessories (included)	packing washer PTFE
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Remarks

Remarks	For sealing use the supplied PTFE packing washer.
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Pack quantity	[piece]	1
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