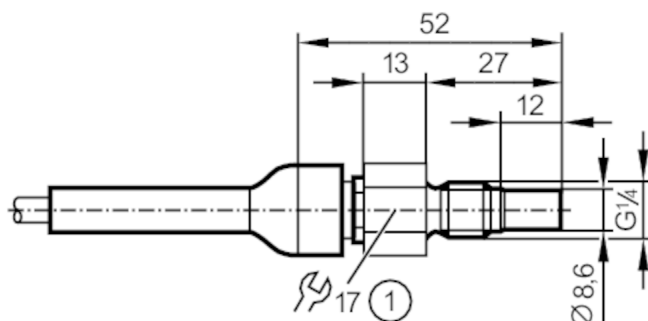


SF0540



Flow sensor for connection to an evaluation unit

SFR14XBK/16M



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

Electrical data

Connection to control monitor	VS3000
-------------------------------	--------

Measuring/setting range

Probe length L	[mm]	12
Liquids		
Setting range	[cm/s]	3...60
Greatest sensitivity	[cm/s]	3...40

Accuracy / deviations

Temperature gradient	[K/min]	7
----------------------	---------	---

Response times

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

Operating conditions

Protection	IP 67
------------	-------

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	
Materials	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

SF0540



Flow sensor for connection to an evaluation unit

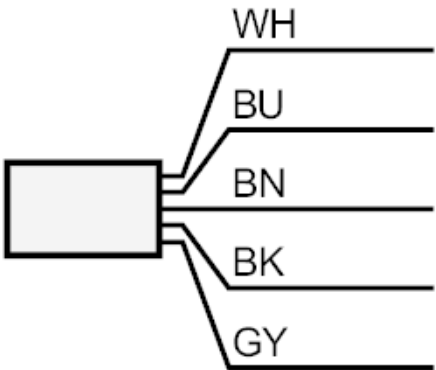
SFR14XBK/16M

Accessories	
Accessories (supplied)	sealings: 1, PTFE
Remarks	
Remarks	For sealing use the supplied PTFE packing washer.
Notes	discontinued article
Pack quantity	1 pcs.

Electrical connection

Cable: 16 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