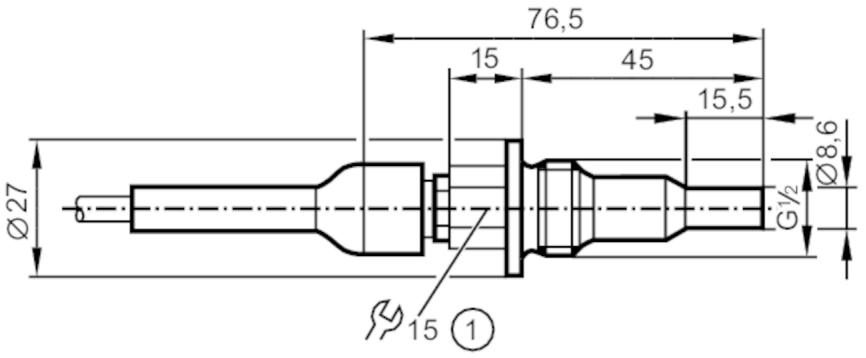
SF3410

Flow sensor for connection to an evaluation unit

SFR12XBK/6M



1 tightening torque max. 30 Nm

Product characteristics			
Probe length L	[mm]	30	
Process connection		G 1/2 external thread	
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]	30	
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]	8213	
Mechanical data			
Weight	[g]	389.5	

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Housing		threaded type
Materials		ceramics (99.7 % Al2O3)
Materials (wetted parts)		ceramics (99.7 % Al2O3)
Process connection		G 1/2 external thread
Installation length EL	[mm]	45

Accessories

Items supplied	sealings: 1, PTFE

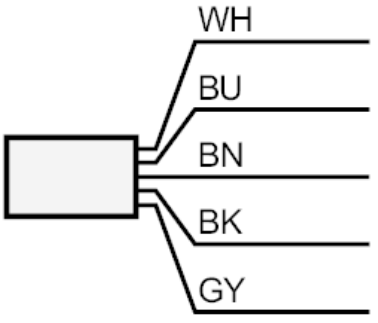
Remarks

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