

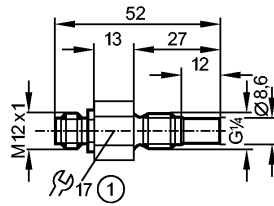


SF2405

SFR14XBK/US-100



Flow sensors



1: tightening torque max. 8 Nm



Product characteristics

Flow sensor for connection to evaluation units

Threaded type

Quick disconnect

Process connection: G 1/4 A

Application

Application Aggressive liquid media

Pressure rating [bar] 30

Medium temperature [°C] 5...70

Electrical data

Connection to control monitor VS3000

Measuring / setting range

Liquids

Setting range [cm/s] 3...60

Greatest sensitivity [cm/s] 3...40

Gases

Setting range [cm/s] -

Greatest sensitivity [cm/s] -

Accuracy / deviations

Max. temperature gradient of medium [K/min] 7

Reaction times

Response time [s] 2...20

Environment

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

Process connection G 1/4 A

Materials (wetted parts) ceramics (99.7 % Al₂O₃)

Housing materials ceramics (99.7 % Al₂O₃)

Probe length L [mm] 12

Installation length EL [mm] 27

Weight [kg] 0.041

Electrical connection



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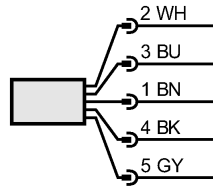
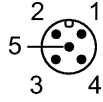


Flow sensors

Connection	M12 connector
Max. cable length [m]	100 (5 x 0.5mm ²)

Wiring

- 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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