

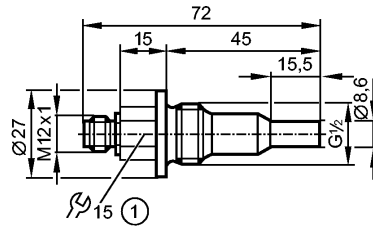


SF3405

SFR12XBK/US-100



Flow sensors



1: tightening torque max. 30 Nm

Product characteristics

Flow sensor for connection to evaluation units

Threaded type

Quick disconnect

Process connection: G 1/2 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] 8213

Mechanical data

Process connection G 1/2 A

Materials (wetted parts) ceramics (99.7 % Al2 O3)

Housing materials ceramics (99.7 % Al2 O3)

Probe length L [mm] 30

Installation length EL [mm] 45

Weight [kg] 0.054

Electrical connection

Connection M12 connector

Max. cable length [m] 100 (5 x 0.5mm²)



SF3405

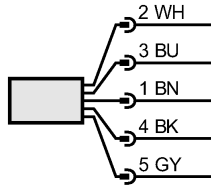
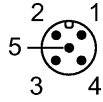
SFR12XBK/US-100



Flow sensors

Wiring

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



Accessories

Accessories (included)	packing washer PTFE
------------------------	---------------------

Remarks

Remarks	For sealing use the supplied PTFE packing washer.
---------	---

Pack quantity	[piece]	1
---------------	---------	---