

**efector 300**

ifm electronic



Flow sensors

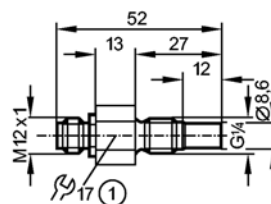
**SF2405**

SFR14XBK-US

Flow sensor for connection to evaluation units

Threaded type

Connector

Process connection: G $\frac{1}{4}$  A

1: tightening torque max. 8 Nm



Made in Germany

Application	Aggressive liquid media
Connection to control monitor	VS3000
Max. temperature gradient of medium [K/min]	7
Pressure rating [bar]	30
<b>Liquids</b>	
Medium temperature [°C]	5...70
Setting range [cm/s]	3...60
Greatest sensitivity [cm/s]	3...40
<b>Gases</b>	
Medium temperature [°C]	-
Setting range [cm/s]	-
Greatest sensitivity [cm/s]	-
Response time [s]	2...20
Protection	IP 67
Shock resistance	DIN IEC 68-2-27: 40 g (11 ms)
Vibration resistance	DIN IEC 68-2-6: 10 g (55...2000 Hz)
Housing materials	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Materials (wetted parts)	ceramics (99.7 % Al <sub>2</sub> O <sub>3</sub> )
Connection	M12 connector
Max. cable length [m]	100 (5 x 0.5mm <sup>2</sup> )
Weight [kg]	0.038
Remarks	For sealing use the supplied PTFE packing washer.
Accessories (included)	packing washer PTFE

**Wiring**

Core colours  
 BN brown  
 BU blue  
 BK black  
 WH white  
 GY grey

