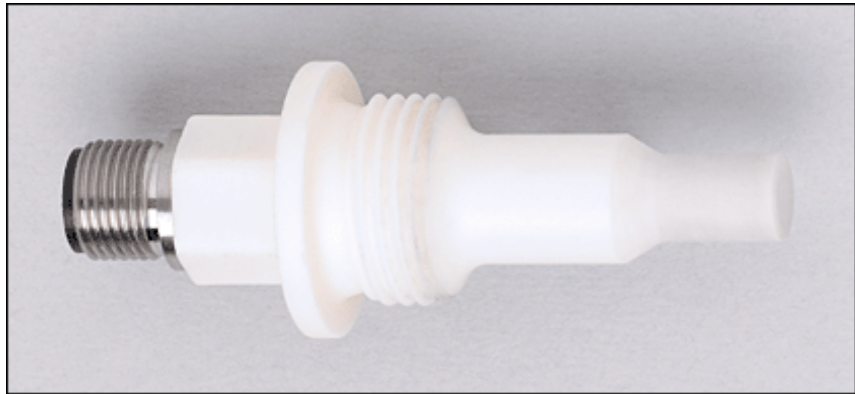


Flow sensors

**SF3405**

SFR12XBK-US  
Flow sensor for connection to evaluation units  
Threaded type  
Connector  
Process connection: G½ A



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)
MTTF [Years]	8213
Housing materials	ceramics (99.7 % Al2 O3)
Materials (wetted parts)	ceramics (99.7 % Al2 O3)
Connection	M12 connector
Max. cable length [m]	100 (5 x 0.5mm <sup>2</sup> )
Weight [kg]	0.054
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

