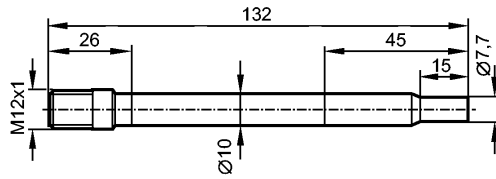


SF6201

SFG10ABB /US-100

Flow sensors



Product characteristics

Flow sensor for connection to evaluation units
Quick disconnect
Process connection: Ø 10 mm
Sensor suitable for clamp fitting

Application

Application	liquids and gases
Pressure rating [bar]	30
Medium temperature [°C]	-25...80

Electrical data

Connection to control monitor	VS3000
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Measuring / setting range

Liquids	
Setting range [cm/s]	3...300
Greatest sensitivity [cm/s]	3...60
Gases	
Setting range [cm/s]	200...3000
Greatest sensitivity [cm/s]	200...800

Accuracy / deviations

Max. temperature gradient of medium [K/min]	30
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Reaction times

Response time [s]	1...10
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Environment

Protection	IP 67
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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]		8393.77

Mechanical data

Process connection	Ø 10 mm
Materials (wetted parts)	stainless steel 316L / 1.4404 several parts, welded
Housing materials	stainless steel 316L / 1.4404 several parts, welded
Probe length L [mm]	15...107
Weight [kg]	0.062

Electrical connection

Connection	M12 connector; gold-plated contacts
Max. cable length [m]	100 (5 x 0.5mm ²)

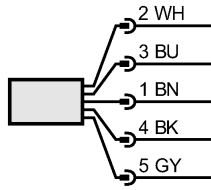
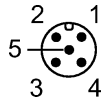
Wiring

SF6201

SFG10ABB /US-100

Flow sensors

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



Accessories

Accessories (optional)

Clamp adapter E40160 (R $\frac{1}{2}$)
 Clamp adapter E40174 ($\frac{1}{2}$ "NPT)

Remarks

Pack quantity [piece] 1