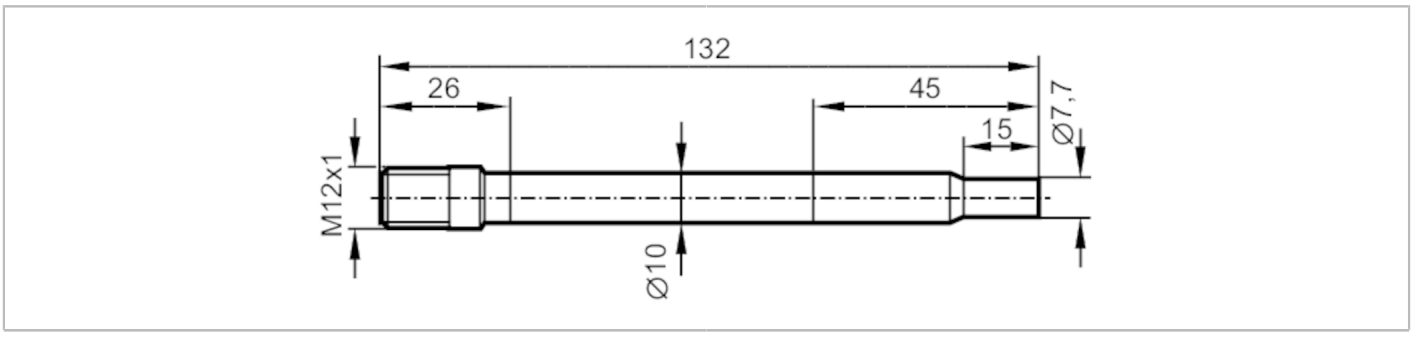
SF6201

Flow sensor for connection to an evaluation unit

SFG10ABB /US-100



Reg31

Product characteristics		
Probe length L	[mm]	15...107
Process connection		D10
Application		
Special feature		Gold-plated contacts
Application		high-temperature range
Installation		sensor suitable for clamp fitting
Media		Liquids; Gases
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	30
Liquids		
Application		high-temperature range
Installation		sensor suitable for clamp fitting
Medium temperature	[°C]	-25...80
Gases		
Medium temperature	[°C]	-25...80
Electrical data		
Connection to control monitor		VS3000
Measuring/setting range		
Probe length L	[mm]	15...107
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		
Temperature gradient	[K/min]	30
Response times		
Response time	[s]	1...10
Liquids		
Response time	[s]	1...10

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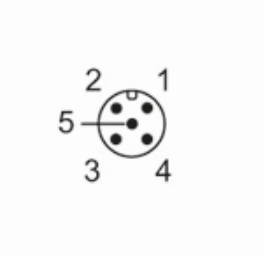
Gases			
Response time	[s]	1...10	
Operating conditions			
Storage temperature	[°C]	-25...80	
Protection		IP 67	
Tests / approvals			
Shock resistance		DIN IEC 68-2-27	40 g (11 ms)
Vibration resistance		DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF	[years]	8393.77	
Mechanical data			
Weight	[g]	62.5	
Materials		stainless steel (1.4404 / 316L) several parts, welded	
Materials (wetted parts)		stainless steel (1.4404 / 316L) several parts, welded	
Process connection		D10	
Accessories			
Accessories (optional)		Clamp adapter: R 1/2, E40160	
		Clamp adapter: 1/2" NPT, E40174	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Connector: 1 x M12; Contacts: gold-plated; Maximum cable length: 100 m



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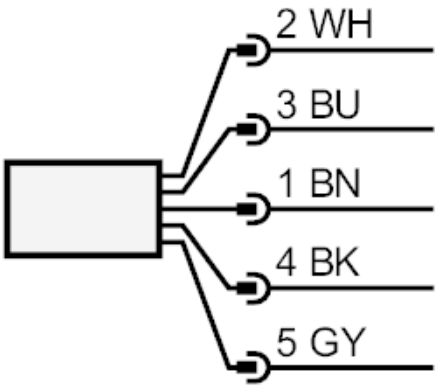
Connection



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