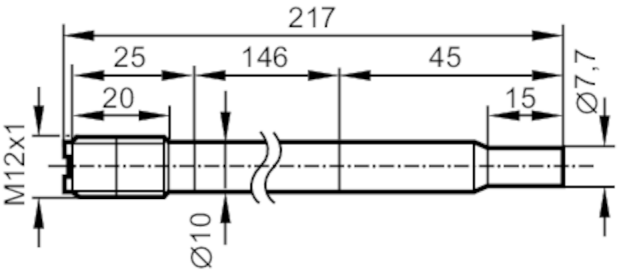
SF6200

Flow sensor for connection to an evaluation unit

SFG10ABB /US-100



Product characteristics			
Probe length L	[mm]	15...156	
Process connection		clamp adapter Ø 10 mm	
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		30 bar	3 MPa
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...156	
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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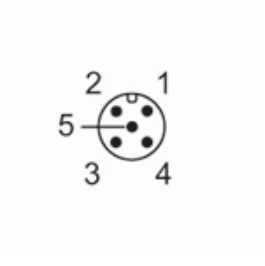
Gases			
Response time	[s]	1...10	
Operating conditions			
Protection		IP 67	
Tests / approvals			
Shock resistance		DIN IEC 68-2-27	40 g (11 ms)
Vibration resistance		DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF	[years]	8583	
Mechanical data			
Weight	[g]	89	
Housing		cylindrical	
Dimensions	[mm]	Ø 10 / L = 217	
Materials		stainless steel (316L/1.4404) several parts, welded	
Materials (wetted parts)		stainless steel (316L/1.4404) several parts, welded	
Process connection		clamp adapter Ø 10 mm	
Probe diameter	[mm]	7.7	
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; coding: A; Contacts: gold-plated; Maximum cable length: 100 m



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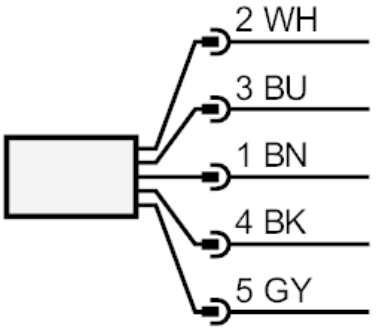
Connection



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