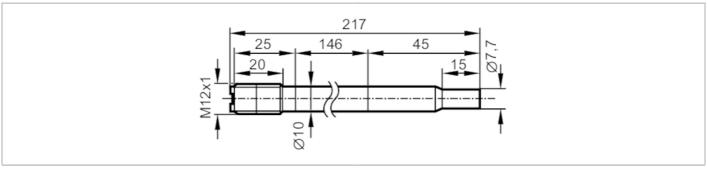
SF620A

Flow sensor for connection to an evaluation unit









Product characteristics		
Probe length L	[mm]	15156
Process connection		Ø 10 mm
Application		
Special feature		Gold-plated contacts
Installation		sensor suitable for clamp fitting
Media		Liquids; Gases
Medium temperature	[°C]	-2070
Pressure rating	[bar]	30
Liquids		
Installation		sensor suitable for clamp fitting
Medium temperature	[°C]	-2070
Gases		
Medium temperature	[°C]	-2070
Electrical data		
Connection to control mo	onitor	VS2000 Exi (PTB 01 ATEX 2075)
Measuring/setting rang	е	
Probe length L	[mm]	15156
Liquids		
Setting range	[cm/s]	3300
Greatest sensitivity	[cm/s]	360
Gases		
Setting range	[cm/s]	2003000
Greatest sensitivity	[cm/s]	200800
Accuracy / deviations		
Temperature gradient	[K/min]	15
Response times		
Response time	[s]	110
Liquids		
Response time	[s]	110
Gases		
Response time	[s]	110

SF620A

Flow sensor for connection to an evaluation unit



SFG10ABB/2G /US-100

Ambient temperature [°C] -2070 Protection IP 67 Tests / approvals Approval DMT 03 ATEX E091; IECEX BVS 06.0007 ATEX marking © IN IEC 68-2-27 40 g (11 ms) Shock resistance DIN IEC 68-2-27 40 g (11 ms) Vibration resistance DIN IEC 68-2-6 10 g (552000 Hz) MTFF [years] 8272 Safety classification Max. internal capacitance [nF] 0.4 Max. internal inductance [µH] 2 Temperature class T4 Mechanical data Weight [g] 123 Dimensions [mm] Ø 10 Materials stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) stainless steel (316L/1.4404) several parts, welded Process connection Ø 10 mm Accessories Clamp adapter: R 1/2, E40160 Clamp adapter: R 1/2, E40160 Clamp adapter: I/2" NPT, E40174	Operating conditions			
Tests / approvals Approval Approval Approval ATEX marking Shock resistance DIN IEC 68-2-27 AU g (11 ms) Vibration resistance DIN IEC 68-2-6 DIN IEC 68-2-10 Max. internal capacitance Max. internal inductance Image: Temperature class Mechanical data Weight Ig Dimensions Image: Stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) Process connection Accessories Accessories Accessories (optional) Remarks Remarks In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions and the type test certificate.	Ambient temperature	[°C]	-2070	
Approval DMT 03 ATEX E091; IECEX BVS 06.0007 ATEX marking \$\frac{\xi}{\xi}\$ II 2G Ex ia IIC T4 Gb Shock resistance DIN IEC 68-2-27 40 g (11 ms) Vibration resistance DIN IEC 68-2-6 10 g (552000 Hz) MTTF [years] 8272 Safety classification Max. internal capacitance [nF]	Protection		IP 67	
ATEX marking Shock resistance DIN IEC 68-2-27 40 g (11 ms) DIN IEC 68-2-6 10 g (552000 Hz) MTTF [years] Safety classification Max. internal capacitance [nF] 0.4 Max. internal inductance [µH] 2 Temperature class T4 Mechanical data Weight [g] 123 Dimensions [mm] Ø 10 Materials (wetted parts) 5 stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) 7 cocess connection Ø 10 mm Accessories (optional) Clamp adapter: 1/2" NPT, E40174 Remarks Remarks Remarks In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions into account (0.81.1 bar). For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test accrificate.	Tests / approvals			
Shock resistance DIN IEC 68-2-27 John IEC 68-2-27 MTTF [years] Safety classification Max. internal capacitance [IF] Mechanical data Weight [g] Dimensions [mm] Materials Materials (wetted parts) Process connection Accessories Accessories Accessories Remarks In principle, the type test according to 94/9/IEC (ATEX) only takes atmospheric conditions into account (0.81.1 bar). For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.	Approval		DMT 03 ATEX E091; IECEX BVS 06.0007	
Vibration resistance MTTF [years] Safety classification Max. internal capacitance [InF] Max. internal inductance [IµH] Temperature class Mechanical data Weight [Ig] Dimensions [Imm] Materials Materials (wetted parts) Process connection Accessories Accessories Accessories Accessories Remarks In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions into account (0.81.1 bar). For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.	ATEX marking		⟨Ex⟩ II 2G Ex ia IIC T4 Gb	
MTTF [years] 8272 Safety classification Max. internal capacitance [nF] 0.4 Max. internal inductance [μH] 2 Temperature class T4 Mechanical data Weight [g] 123 Dimensions [mm] Ø 10 Materials stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) Stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) Stainless steel (316L/1.4404) several parts, welded Process connection Ø 10 mm Accessories Accessories (optional) Clamp adapter: R 1/2, E40160 Clamp adapter: 1/2" NPT, E40174 Remarks Remarks In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions into account (0.81.1 bar). For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.	Shock resistance		DIN IEC 68-2-27 40 g (11 ms)	
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Temperature class Mechanical data Weight [g] 123 Dimensions [mm] Ø 10 Materials stainless steel (316L/1.4404) several parts, welded Materials (wetted parts) stainless steel (316L/1.4404) several parts, welded Process connection Ø 10 mm Accessories Accessories (optional) Clamp adapter: R 1/2, E40160 Clamp adapter: 1/2" NPT, E40174 Remarks Remarks In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions into account (0.81.1 bar). For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.	Max. internal capacitance	[nF]	0.4	
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For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.	Remarks		, , , , , , , , , , , , , , , , , , , ,	
Adhere to the operating instructions and the type test certificate.				
Раск quantity 1 pcs.	Dool guantity			
	Pack quantity		1 pcs.	

Electrical connection

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



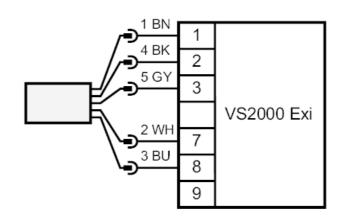
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SFG10ABB/2G /US-100

Connection



Core colours :

BN =	brown
BU =	blue
BK =	black
WH =	white
GY =	arev