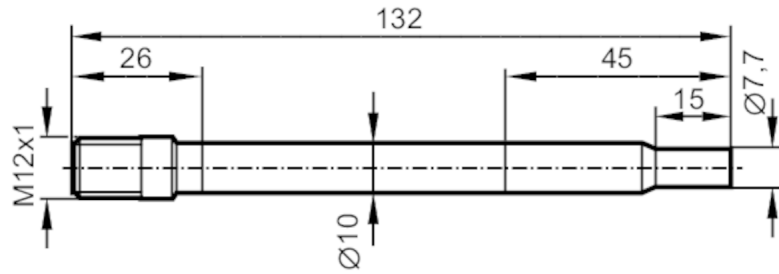


Flow sensor for connection to an evaluation unit

SFG10ABB /US-100



Product characteristics

Probe length L	[mm]	15...107
Process connection		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	[bar]	30

Liquids

Application		high-temperature range
Installation		sensor suitable for clamp fitting
Medium temperature	[°C]	-25...80

Gases

Medium temperature	[°C]	-25...80
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Electrical data

Connection to control monitor		VS3000
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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
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Response times

Response time	[s]	1...10
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Liquids

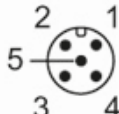
Response time	[s]	1...10
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SF6201



Flow sensor for connection to an evaluation unit

SFG10ABB /US-100

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 (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		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12; coding: A; Contacts: gold-plated; Maximum cable length: 100 m		
<div></div>		

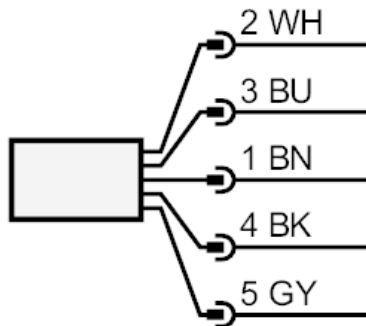
SF6201



Flow sensor for connection to an evaluation unit

SFG10ABB /US-100

Connection



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