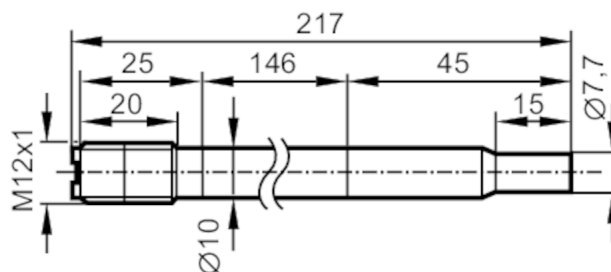


# SF6200

## Flow sensor for connection to an evaluation unit

SFG10ABB /US-100



### Product characteristics

Probe length L	[mm]	15...156
Process connection		D10

### Application

System		gold-plated contacts
Application		high temperature
Installation		Sensor suitable for clamp fitting
Media		Liquids; Gases
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	30

### Liquids

Application		high temperature
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...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

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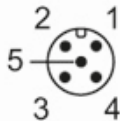
### Reaction times

Response time	[s]	1...10
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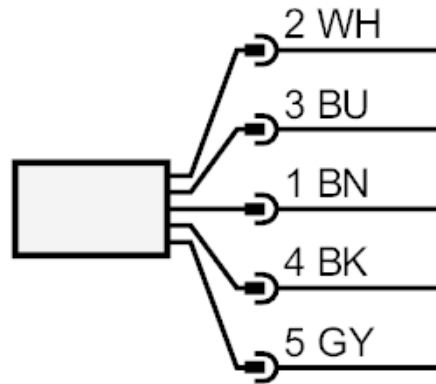
Liquids		
Response time	[s]	1...10
Gases		
Response time	[s]	1...10
Operating conditions		
Protection		IP 67
Tests / approvals		
Shock resistance	DIN IEC 68-2-27	40 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF	[years]	8583
Mechanical data		
Weight	[g]	89
Dimensions	[mm]	Ø 10
Material	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		
<div></div>		

# SF6200

## Flow sensor for connection to an evaluation unit

SFG10ABB /US-100

### Connection



Core colors :

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