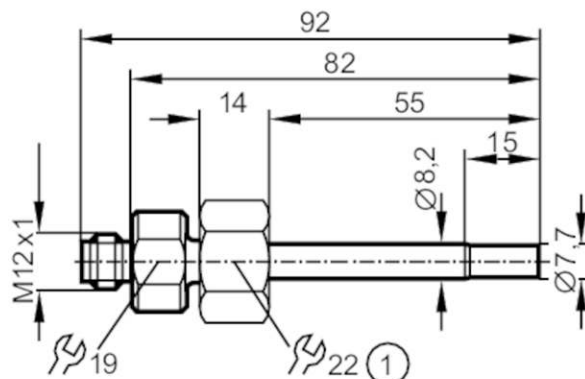


SF5201



Flow sensor for connection to an evaluation unit

SFD10ABB /US-100



internal thread M18 x 1,5



Product characteristics

Probe length L	[mm]	55
Process connection	threaded connection M18 x 1,5 internal thread	

Application

Application	high-temperature range	
Media	Liquids; Gases	
Medium temperature	[°C]	-25...80
Pressure rating	30 bar	3 MPa

Electrical data

Connection to control monitor	VS3000	
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Measuring/setting range

Probe length L	[mm]	55
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]	300
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Response times

Response time	[s]	1...10
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Operating conditions

Protection	IP 67	
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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]	8213

SF5201



Flow sensor for connection to an evaluation unit

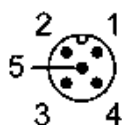
SFD10ABB /US-100

Mechanical data		
Weight	[g]	88
Housing		cylindrical
Dimensions	[mm]	Ø 8.2 / L = 92
Materials		stainless steel (316L/1.4404)
Materials (wetted parts)		stainless steel (316L/1.4404); O-ring: FKM 80 Shore A
Process connection		threaded connection M18 x 1,5 internal thread
Probe diameter	[mm]	7.7
Installation length EL	[mm]	55

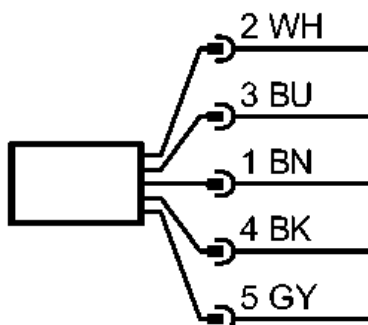
Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 100 m



Connection



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