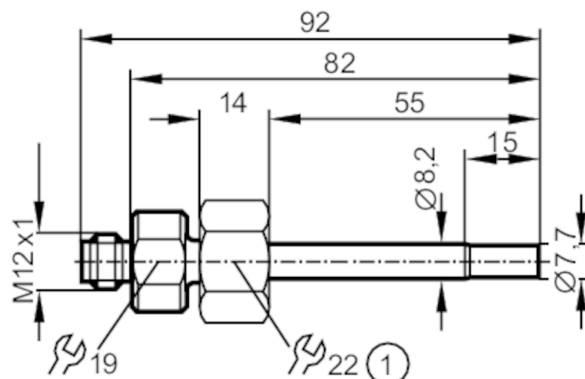


SF5201



Flow sensor for connection to an evaluation unit

SFD10ABB /US-100



Internal thread M18 x 1;5



Application

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

Liquids

Application	high-temperature range
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]	55
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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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Liquids

Response time [s]	1...10
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Gases

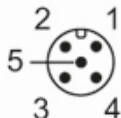
Response time [s]	1...10
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SF5201



Flow sensor for connection to an evaluation unit

SFD10ABB /US-100

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]	8213
Mechanical data		
Weight	[g]	87.4
Housing	for adapter	
Dimensions	[mm]	M18 x 1.5
Thread designation	M18 x 1.5	
Materials	stainless steel (1.4404 / 316L)	
Materials (wetted parts)	stainless steel (1.4404 / 316L); O-ring: FKM 80 Shore A	
Process connection	M18 x 1,5 internal thread	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12; Maximum cable length: 100 m		
		

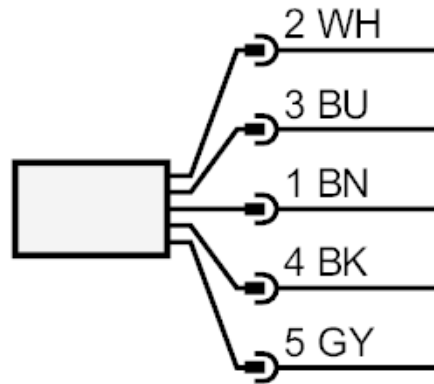
SF5201



Flow sensor for connection to an evaluation unit

SFD10ABB /US-100

Connection



Core colours :

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