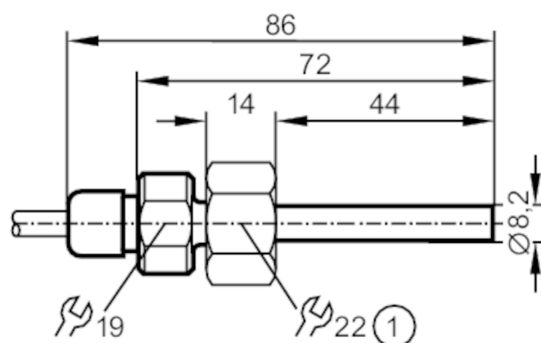


SF5300



Flow sensor for connection to an evaluation unit

SFD10ZDB /6M



1 internal thread M18 x 1.5



Product characteristics

Probe length L	[mm]	45
Process connection		threaded connection M18 x 1,5 internal thread

Application

Application		high-temperature range
Media		Liquids; Gases
Pressure rating	300 bar	30 MPa

Liquids

Medium temperature	[°C]	0...120
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Gases

Medium temperature	[°C]	0...100
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Electrical data

Connection to control monitor		VS3000
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Measuring/setting range

Probe length L	[mm]	45
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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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Operating conditions

Protection		IP 67
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SF5300



Flow sensor for connection to an evaluation unit

SFD10ZDB /6M

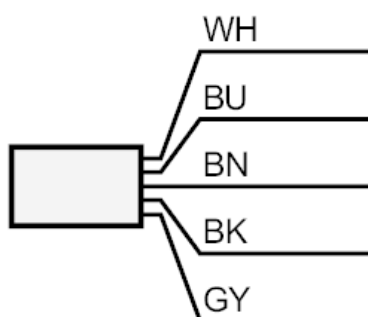
Tests / approvals		
Shock resistance	DIN IEC 68-2-27	40 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	10 g (55...2000 Hz)
MTTF [years]		8096

Mechanical data		
Weight [g]		454.5
Housing		cylindrical
Materials		Lock nut: stainless steel; Cable gland: FKM; nut for cable gland: brass nickel-plated; Sleeve: brass nickel-plated
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]		8.2
Installation length EL [mm]		44

Remarks	
Pack quantity	1 pcs.

Electrical connection
Cable: 6 m, silicone; Maximum cable length: 100 m; 5 x 0.34 mm ²

Connection



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