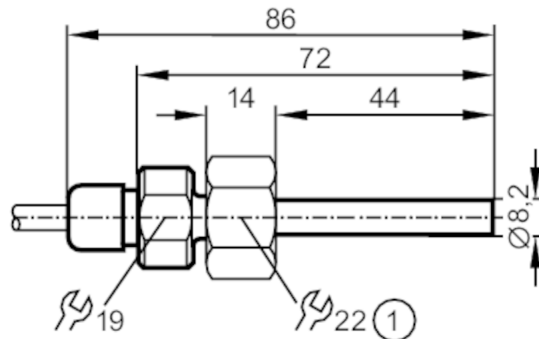


SF5300



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	M18 x 1,5 Internal thread
Application	
Application	high temperature
Media	Liquids; Gases
Pressure rating [bar]	300
Liquids	
Medium temperature [°C]	0...120
Gases	
Medium temperature [°C]	0...100
Electrical data	
Connection to control monitor	VS3000
Measuring/setting range	
Probe length L [mm]	45
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 [K/min] medium	300
Reaction times	
Response time [s]	1...10
Operating conditions	
Protection	IP 67

SF5300



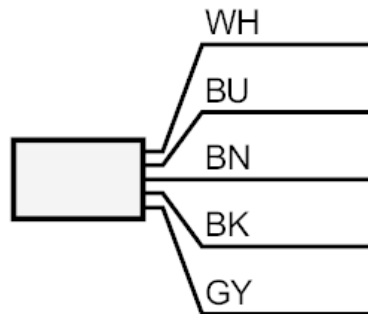
Flow sensor for connection to an evaluation unit

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		for adapter
Dimensions [mm]		M18 x 1.5
Thread designation		M18 x 1.5
Material		knurled nut: stainless steel; Cable gland: FKM; nut for cable gland: brass nickel-plated; Sleeve: brass nickel-plated
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	
Cable: 6 m, silicone; Maximum cable length: 100 m; 5 x 0.34 mm ²	

Connection



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