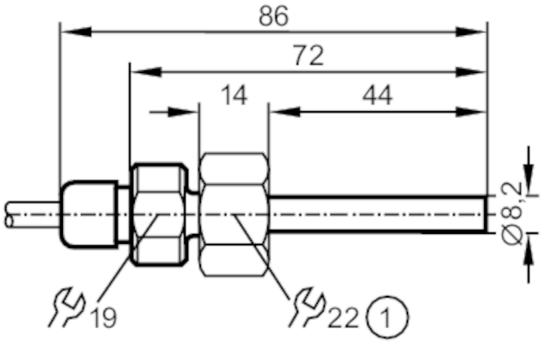
SF5300

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 range
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		
Temperature gradient	[K/min]	300
Response 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	

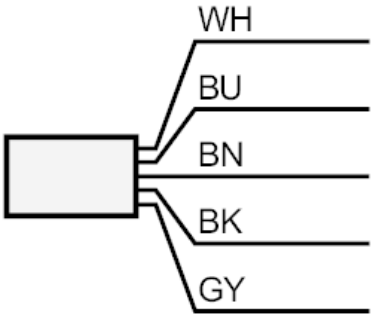
Mechanical data		
Weight	[g]	454.5
Housing		for adapter
Dimensions	[mm]	M18 x 1.5
Thread designation		M18 x 1.5
Materials		Lock nut: stainless steel; Cable gland: FKM; nut for cable gland: brass nickel-plated; Sleeve: brass nickel-plated
Materials (wetted parts)		stainless steel (1.4404 / 316L); O-ring: 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 mm²

Connection



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