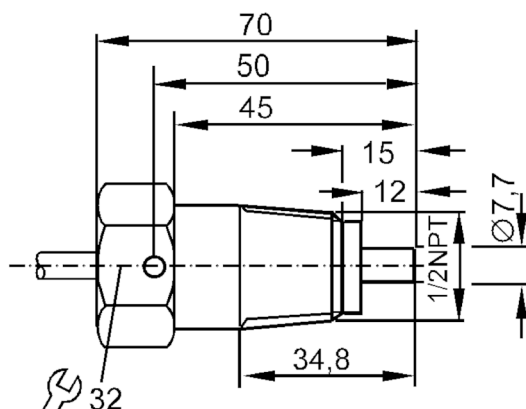




Flow sensor for connection to an evaluation unit

SFN12ABBE1/6M

Status Archive



Application		
Application		CLASS I, DIV. 1, GROUPS A, B, C and D CLASS II / III, DIV. 1, GROUPS E, F and G
Medium temperature	[°C]	-25...100
Pressure rating	[bar]	30
Liquids		
Application		CLASS I, DIV. 1, GROUPS A, B, C and D CLASS II / III, DIV. 1, GROUPS E, F and G
Medium temperature	[°C]	-25...100
Gases		
Medium temperature	[°C]	-25...100
Electrical data		
Connection to control monitor		VS3000
Measuring/setting range		
Probe length L	[mm]	15
Liquids		
Setting range	[cm/s]	3...300
Greatest sensitivity	[cm/s]	3...60
Gases		
Setting range	[cm/s]	200...2000
Greatest sensitivity	[cm/s]	200...800
Accuracy / deviations		
Temperature gradient	[K/min]	15

SF3020



Flow sensor for connection to an evaluation unit

SFN12ABBE1/6M

Response times		
Response time	[s]	1...10
Liquids		
Response time	[s]	1...10
Gases		
Response time	[s]	1...10
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]	7983
Mechanical data		
Weight	[g]	549
Housing		threaded type
Materials		stainless steel (1.4571/316Ti)
Materials (wetted parts)		stainless steel (1.4571/316Ti)
Process connection		1/2 NPT
Installation length EL	[mm]	45
Remarks		
Pack quantity		1 pcs.

SF3020



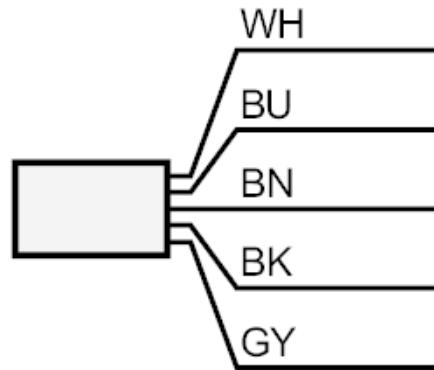
Flow sensor for connection to an evaluation unit

SFN12ABBE1/6M

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

Status Archive