

SF0700

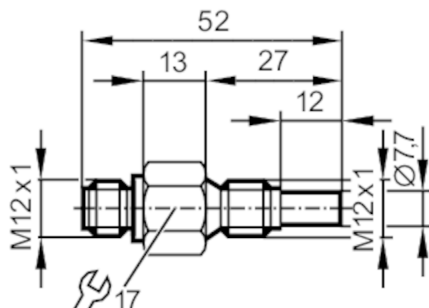


Flow sensor for connection to an evaluation unit

SFM12ABBE1/US-100

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replaced by: SF120A



Product characteristics

Process connection M12 x 1

Application

Application Ex zone 1
 Medium temperature [°C] -25...80
 Pressure rating [bar] 30

Liquids

Application Ex zone 1
 Medium temperature [°C] -25...80

Gases

Medium temperature [°C] -25...80

Electrical data

Connection to control monitor VS0200 Exi

Measuring/setting range

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

Response times

Response time [s] 1...10

Liquids

Response time [s] 1...10

Gases

Response time [s] 1...10

Operating conditions

Protection IP 67

SF0700



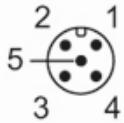
Flow sensor for connection to an evaluation unit

SFM12ABBE1/US-100

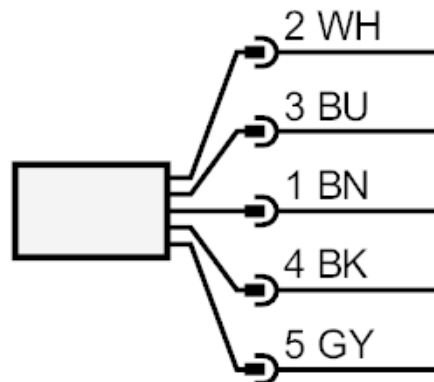
Mechanical data	
Housing	threaded type
Dimensions [mm]	M12 x 1
Thread designation	M12 x 1
Materials	stainless steel (1.4571/316Ti)
Materials (wetted parts)	stainless steel (1.4571/316Ti)
Process connection	M12 x 1
Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; Maximum cable length: 100 m



Connection



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

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