ST1210

Flow sensor for connection to an evaluation unit

STM12ABBE1

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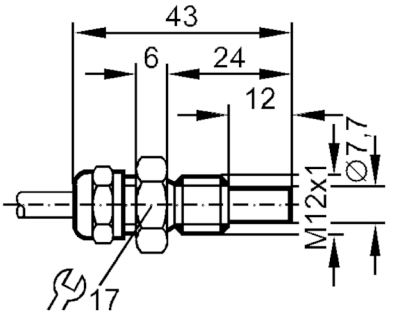

Product characteristics		
Process connection		M12 x 1
Application		
Application		Ex zone 1
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	30
Liquids		
Application		Ex zone 1
Medium temperature	[°C]	-25...80
Gases		
Medium temperature	[°C]	-25...80
Electrical data		
Connection to control monitor		VS 0100 Ex
Measuring/setting range		
Liquids		
Setting range	[cm/s]	3...300
Greatest sensitivity	[cm/s]	3...60
Gases		
Setting range	[cm/s]	5...1500
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
Mechanical data		
Housing		threaded type

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Dimensions	[mm]	M12 x 1 / L = 43
Thread designation		M12 x 1
Materials		stainless steel (316Ti/1.4571)
Process connection		M12 x 1

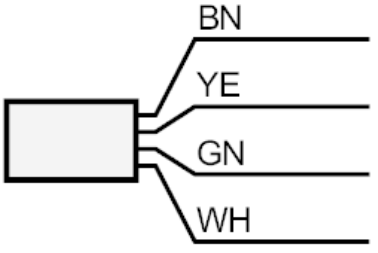
Remarks

Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, Silflex-PUR; Maximum cable length: 100 m; 4 x 0.25 mm²

Connection



	Core colours :
BN =	brown
GN =	green
WH =	white
YE =	yellow