ST1300
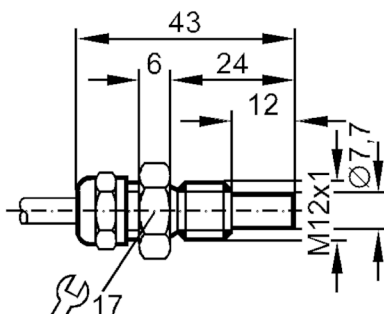
Flow sensor for connection to an evaluation unit

STM12ZBB

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Product characteristics

Process connection	M12 x 1

Application

Application		high temperature
Media		Liquids; Gases
Pressure rating	[bar]	30

Liquids

Application		high temperature
Medium temperature	[°C]	0...120

Gases

Medium temperature	[°C]	0...100

Electrical data

Connection to control monitor	VS 0100

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

Max. temperature gradient of medium	[K/min]	15

Reaction 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

ST1300

Flow sensor for connection to an evaluation unit

STM12ZBB

Dimensions [mm]	M12 x 1
Thread designation	M12 x 1
Material	stainless steel (1.4571/316Ti)
Process connection	M12 x 1

Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, silicone; Maximum cable length: 100 m; 4 x 0.25 mm²

Connection
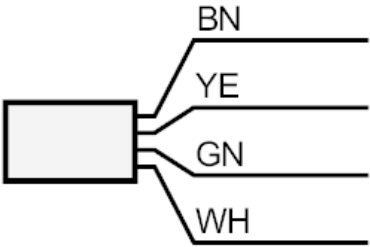
Core colors :
BN =   brown
GN =   green
WH =   white
YE =   yellow