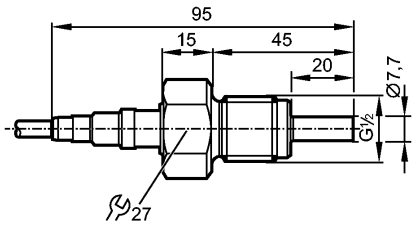
efector300

SP321A

SPR12ABB/2G/6M

Flow sensors



Product characteristics		
Flow sensor for connection to evaluation units		
Threaded type		
Cable		
Process connection: G ½ A		
Ambient temperature -20...70 °C		
ATEX approval		
Group II, category 2G		
Application		
Application		liquids and gases
Pressure rating	[bar]	30
Medium temperature	[°C]	-20...70
Electrical data		
Connection to control monitor		VS4000
Measuring / setting range		
Liquids		
Setting range	[cm/s]	3...300
Greatest sensitivity	[cm/s]	3...100
Gases		
Setting range	[cm/s]	100...15000
Greatest sensitivity	[cm/s]	100...7500
Accuracy / deviations		
Max. temperature gradient of medium	[K/min]	30
Response times		
Response time	[s]	1...10
Environment		
Protection		IP 65 / IP 67
Tests / approvals		
Approval		ZELM 11 ATEX 0467 IECEx ZLM 11.0005
Marking of the unit		Ⓔx II 2G Ex ia IIC T4 Gb
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]	8519
Mechanical data		
Process connection		G ½ A
Materials (wetted parts)		stainless steel 316L / 1.4404

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SP321A

SPR12ABB/2G/6M

Flow sensors

Housing materials		stainless steel 316L / 1.4404
Weight	[kg]	0.368

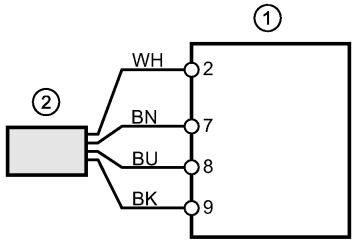
Electrical connection

Connection		TPE-S cable / 6 m; 4 x 0.34 mm²
Max. cable length	[m]	100 (4 x 0.5mm²)

Wiring

Core colours

BK black
BN brown
BU blue
WH white



1 SR307A / VS4000
2 SP321A

Remarks

Remarks		In principle, the type test according to 94/9/EC (ATEX) only takes atmospheric conditions (0.8...1.1 bar) into account. For pressures outside this range use must be assessed and approved by the user. Adhere to the operating instructions and the type test certificate.
Pack quantity	[piece]	1