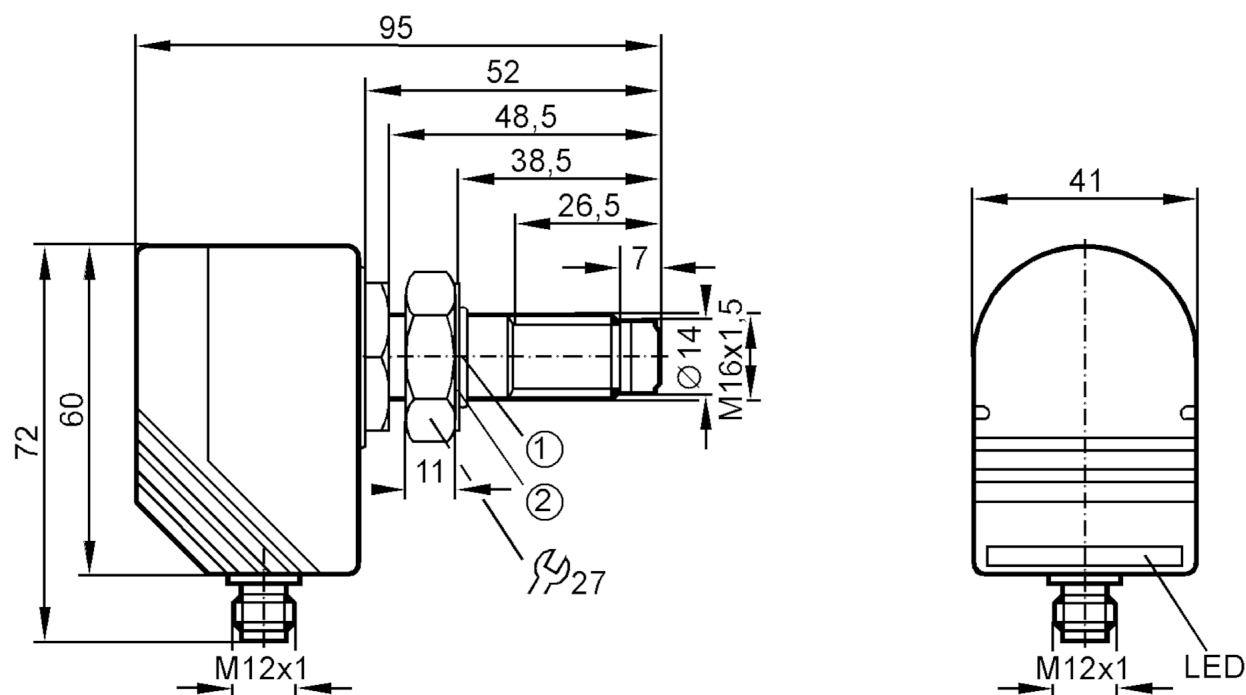


Flow sensor

SAM16BBD1OOG/W/US-100

Article no longer available - archive entry



- 1 O-ring
2 compression washer



Product characteristics

Process connection	M16 x 1,5
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Application

Design	for pipes DN 25
Media	water
Medium temperature [°C]	0...80
Pressure rating [bar]	30

Electrical data

Operating voltage [V]	20...28 DC
Current consumption [mA]	< 80
Power-on delay time [s]	15; (optically indicated)

Outputs

Output signal	analogue signal
Analogue current output [mA]	4...20; (linearised)
Max. load [Ω]	500
Analogue voltage output [V]	; (linearised)
Short-circuit protection	no

Measuring/setting range

Flow range [cm/s]	50...250
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Flow sensor

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Accuracy / deviations		
Note on repeatability		7 ($v < 150$ cm/s), 3 ($v < 50$ cm/s)
Temperature gradient	[K/min]	200
Measuring error	[X16]	max. ± 10 (< 200 cm/s)
Response times		
Response time	[s]	5; (10%...90%)
Operating conditions		
Ambient temperature	[°C]	-20...60
Protection		IP 67
Mechanical data		
Dimensions	[mm]	M16 x 1.5
Thread designation		M16 x 1.5
Materials		PBT-GF20
Materials (wetted parts)		stainless steel (1.4404 / 316L); stainless steel (1.4571/316Ti); O-ring: NBR 70 Shore A
Process connection		M16 x 1,5
Displays / operating elements		
Display	function	10 x LED, green Resolution 10% of the final value
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A		
		

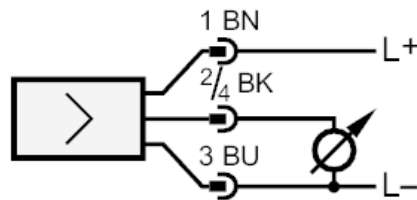
SA0502



Flow sensor

SAM16BBD1OOG/W/US-100

Connection



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