

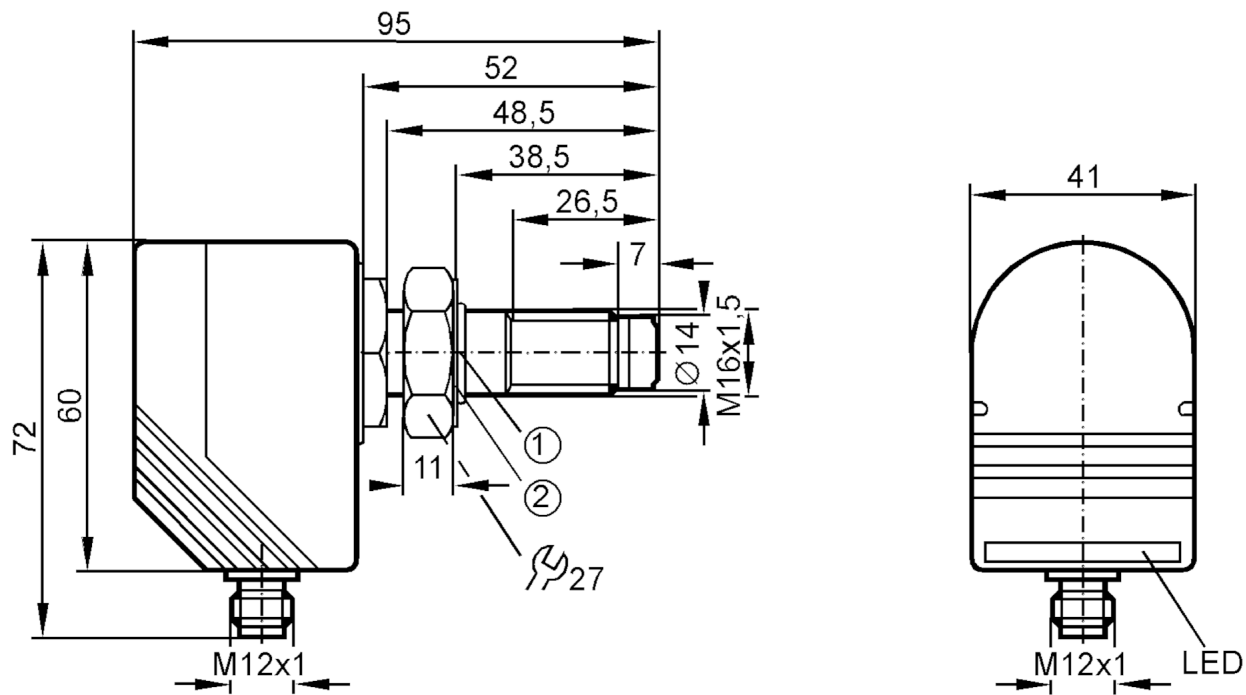
SA0502



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

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 analog signal

Analog current output [mA] 4...20; (linearized)

Max. load [Ω] 500

Analog voltage output [V] ; (linearized)

Short-circuit protection no

Measuring/setting range

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



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Accuracy / deviations		
Note on repeatability	7 (v < 150 cm/s), 3 (v < 50 cm/s)	
Max. temperature gradient of[K/min] medium	200	
Measuring error [% of the final value]	max. ± 10 (< 200 cm/s)	
Reaction 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
Material		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		
		

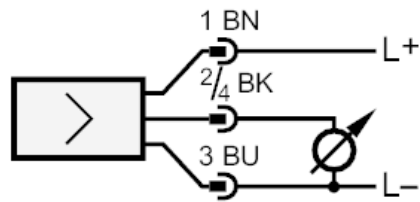
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Connection



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