Flow rate sensors for fluid media with an end value of 0...1 l/min | SDN 503/1 GA

- Flow rate sensor with amplifier
- Robust, compact housing from glass fibre reinforced PBT

G1/4 - 0,1...500 ml/min - analog output 4...20 mA

TYPE	SDN 503/1 GA
Product ID	P11331
Medium	water
Detection range	0.1 ml/min ... 500 ml/min
Working range	1 ml/min ... 200 ml/min
Inner diameter d	3.6 mm
Process connection	G1/4
Sensor length L	68 mm
Output	analog output 4...20 mA, non linear
Supply voltage	24 V DC +/- 10 %
Current consumption max.	50 mA
Load RL	200 Ω ... 500 Ω
Reverse polarity protection	✓
Ambient temperature	0 °C ... 60 °C
Medium temperature	0 °C ... 60 °C
Start-up time typ.	5 s ... 60 s
Reaction time typ.	0.5 s ... 10 s
Compressive strength	10 bar
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	PBT

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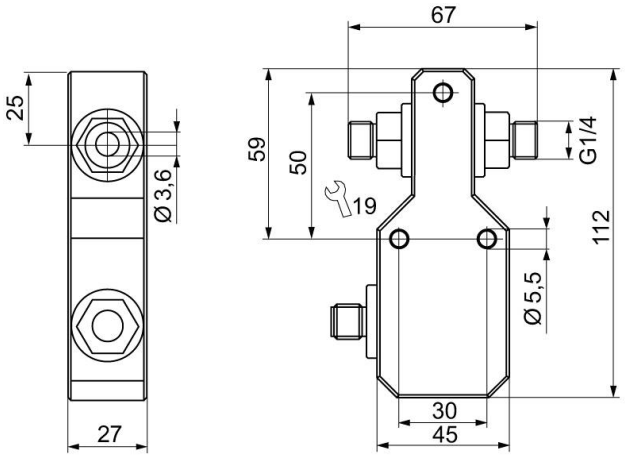
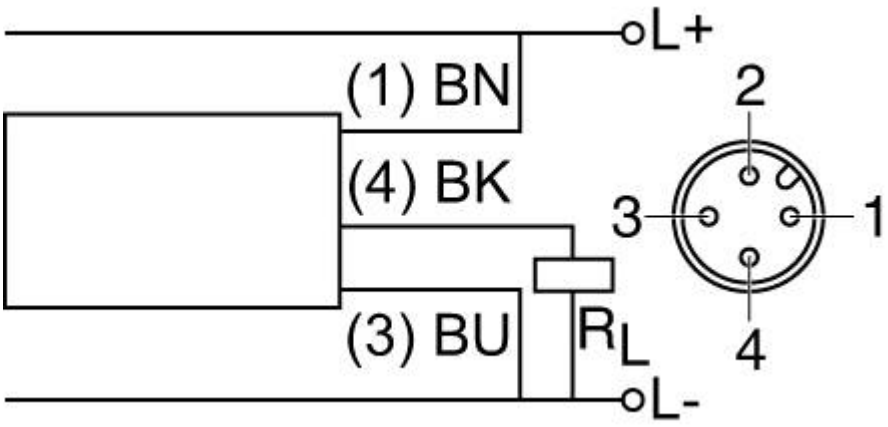
Protection [EN 60529]	IP 67
Electrical connection	M12 connector
Accessories	connecting cable SLG, SLW, SBG, SBW, mounting bracket
Accessories (in scope of delivery)	4 x gasket G1/4 AFM 34, Screwdriver

Technical Image



Pin Map



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