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

- Flow rate sensor with amplifier
- Robust, compact housing from glass fibre reinforced PBT
- For the detection of micro flow pulses

G1/4 -micro flow pulses from 0,02 ml/100 ms - PNP NO

TYPE	SDN 503/1 GSP-DYN
Product ID	P11372
Medium	water, oil
Detection range water ml/100ms min.	0.02 ml/100ms
Working range water min.	0.04 ml/100ms
Inner diameter d	3.6 mm
Process connection	G1/4
Sensor length L	68 mm
Output	switching output
Output function	PNP-NO
Turn off delay	0,5...10 s adjustable
Supply voltage	24 V DC +/- 20 %
Current consumption max.	50 mA
Switching current max.	200 mA (20 °C)
Reverse polarity protection	✓
Voltage drop max.	2.5 V
Ambient temperature	0 °C ... 60 °C
Medium temperature	-20 °C ... 80 °C
Start-up time typ.	15 s
Reaction time typ.	0.1 s

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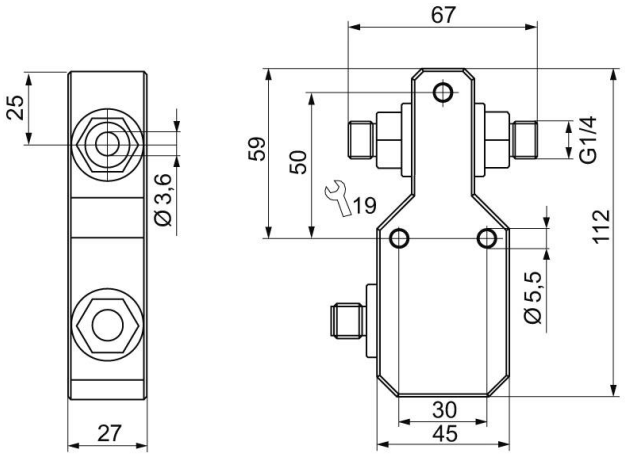
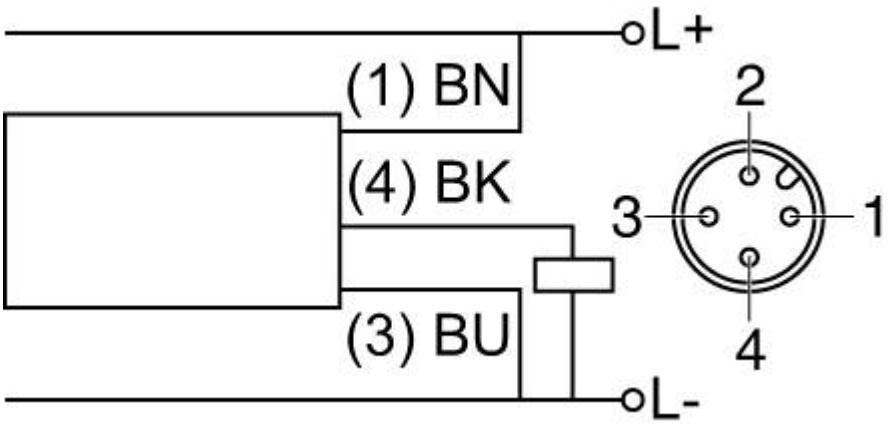
Compressive strength	20 bar
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	stainless steel AISI 303, brass, PA, PBT
Protection [EN 60529]	IP 67
Electrical connection	M12 connector
Accessories	connecting cable SLG, SLW, SBG, SBW, mounting bracket
Accessories (in scope of delivery)	4 x gasket G1/4 AFM 34, Screwdriver

Technical Image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