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

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

G1/4 - 0,1...500 ml/min - PNP NO

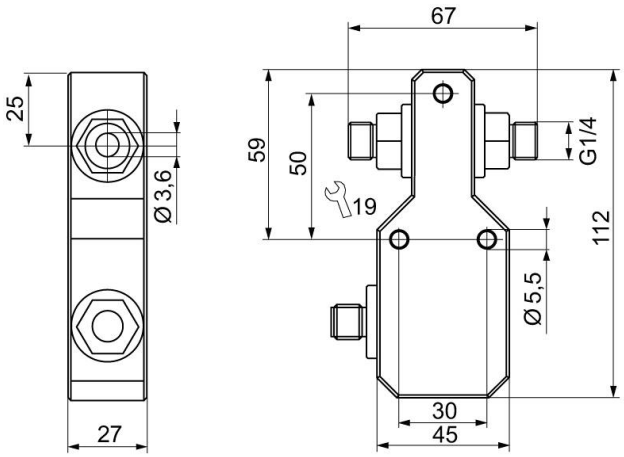
TYPE	SDN 503/1 GSP
Product ID	P11329
Medium	water
Detection range	0.1 ml/min ... 500 ml/min
Working range	1 ml/min ... 200 ml/min
Inner diameter d	3.6 mm
Process connection	G1/4
Sensor length L	68 mm
Output	switching output
Output function	PNP-NO
Supply voltage	24 V DC +/- 10 %
Current consumption max.	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	0 °C ... 60 °C
Temperature gradient fluids	400 K/min
Start-up time typ.	5 s ... 20 s
Reaction time typ.	1 s(5 s ... 5 s)
Compressive strength	10 bar

EGE-ELEKTRONIK SPEZIAL-SENSOREN GMBH

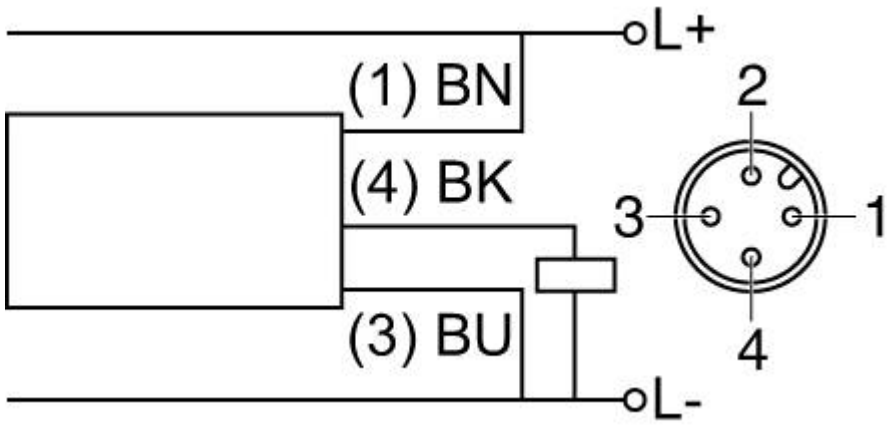
TEL. +49 4346 41580 . ege-elektronik.com

Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	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



Pin Map



EGE-ELEKTRONIK SPEZIAL-SENSOREN GMBH
TEL. +49 4346 41580 . ege-elektronik.com