

## 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**



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

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