



Inline Compact Flow Sensor SDN 503/1

Micro flow inline compact flow sensor
according to the calorimetric principle



D-EN-SDN503-1-20190329

- PNP output, relay output, analog output
- G $\frac{1}{4}$ - thread
- Detection of microfluidic pulses
- Short reaction time, high sensitivity



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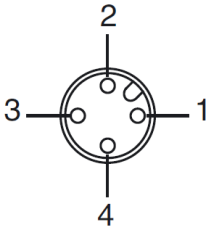
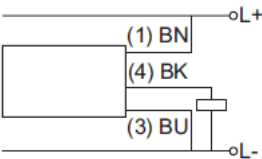
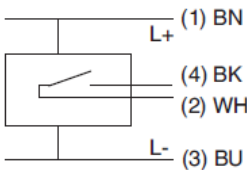
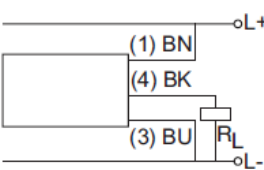
Technical data			
Dimensions			
Type	SDN 503/1 GSP	SDN 503/1 GR	SDN 503/1 GA
ID-No.	P11329	P11330	P11331
Detection range [ml/min]	0.1 ... 500		
Working range [ml/min]	1 ... 200		
Inner diameter d [mm]	3.6		
Maximum flow [l/h]	100		
Output	 PNP	 Relais	 4-20 mA, nicht linear
Supply voltage [V]	24 DC ±10 %		
Current consumption [mA]	<50		
Switching voltage [V]	-	30 AC/36 DC	-
Switching current [mA]	200 (20 °C)	1000	-
Load R _L [Ω]	-	-	200...500
Ambient temperature [°C]	0...+60		
Medium temperature [°C]	0...+60		
Temperature gradient [K/min]	400 (>100 ml/min)		
Start-up time [s]	5...60		

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Type	SDN 503/1 GSP	SDN 503/1 GR	SDN 503/1 GA
Reaction time [s]	0,5...10		
Compressive strength [bar]	10		
Display flow	LED-array		
Material	housing: PBT; Sensor: AISI 316 Ti		
Protection [EN 60529]	IP 67		
Connections	M12 connector		
		-	
EA304328 			

Accessories

Connecting cable SLG, SLW, SBG, SBW

Important instructions!

Technical changes and errors reserved.

Pictures can be similar.

The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.