Inline Compact Flow Sensor SDN 503/1

Micro flow inline compact flow sensor for laboratories

- PNP output, relay output, analog output
- G¼ - thread
- Detection of microfluidic pulses
- Short reaction time, high sensitivity

D-EN-SDN503-lab-20190329

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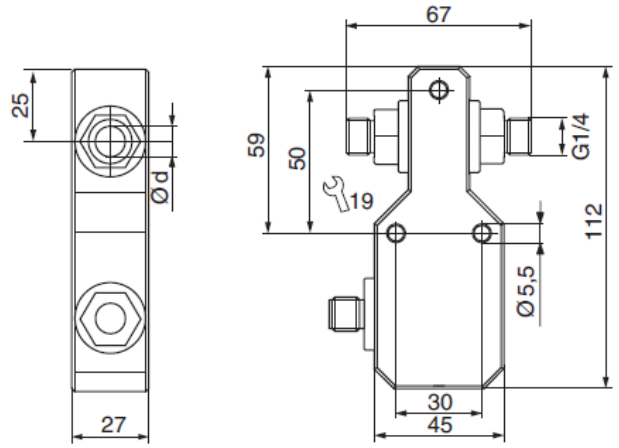
Technical data	
Dimensions	
Type	**SDN 503/1 GSP-DYN**
ID-No.	P11372
Detection range [ml/min] Working range [ml/min]	0.02 ml/100 ms 0.04 ml/100 ms
Inner diameter d [mm]	4
Maximum flow [l/h]	300
Output	 PNP
Supply voltage [V]	24 DC ±10 %
Current consumption [mA]	<50
Switching voltage [V]	-
Switching current [mA]	200 (20 °C)
Load R_L [Ω]	-
Ambient temperature [°C]	0…+60
Medium temperature [°C]	0…+80
Temperature gradient [K/min]	-
Start-up time [s]	5…15

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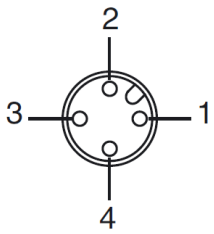
Technical data	
Type	**SDN 503/1 GSP-DYN**
Reaction time [s]	<0.1
Compressive strength [bar]	20
Display flow	LED-array
Material	housing: PBT; Sensor: AISI 316 Ti
Protection [EN 60529]	IP 67
Connections	M12 connector
c UL us LISTED EA304328 	The SDN 503/1 GSP-DYN detects increasing in flow. The switch-off delay is adjustable between 0.5…10 s.

Accessories
Connecting cable SLG, SLW, SBG, SBW

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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.