



Inline-Compact Flow Sensor SDN 552 GAA

Flow and temperature monitoring of water



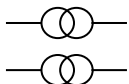
- Flow and temperature monitoring of water
- Programmable
- PNP output
- Analog output
- G $\frac{1}{4}$ thread

D-EN-SDN552GAA-20190325



Inline-Compact Flow Sensor SDN 552 GAA

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Technical data			
Type	SDN 552/1 GAA	SDN 552/2 GAA	SDN 552/3 GAA
ID-No.	P11316	P11317	P11318
Medium	Water / glycol (0, 5, ... ,25, 30%)		
Working range [l/min]	1...10	2...20	4...40
Outer diameter pipe [mm]	10	15	18
Pipe connection	Tube fittings for steel tubes according to DIN 2391 / ISO 3304		
Output 1 Output 2	 4...20 mA, linear 4...20 mA, linear		
Supply voltage [V]	24 DC \pm 10%		
Current consumption [mA]	<100		
Switching current [mA]	-		
Load R_L [Ω]	200...500		
Ambient temperature [$^{\circ}$ C]	0...+60		
Medium temperature [$^{\circ}$ C]	-10...+90		
Temperature gradient [K/min]	400		
Start-up time [s]	6...10		
Reaction time [s]	1...8		
Programmable functions	Glycol percentage, adjustable to reference, averaging, access code		
Temperature control [$^{\circ}$ C]	-10...90, analog, programmable		
Compressive strength [bar]	20		
Material	housing: PBT, sensor: AISI 316 Ti / FKM		
Protection [EN 60529]	IP 65		

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Type	SDN 552 GAA		
Connection	M12 connector		
Dimensions			

Accessories	
Mounting plate	ID-No. Z01178
Connecting cable type SLG, SLW	See accessories
Adapter G $\frac{1}{2}$	See accessories
Adapter G $\frac{1}{4}$	See accessories

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.

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