



## Inline-Compact Flow Sensor SDN 554 GPP

Flow and temperature monitoring of water and water-glycol mixtures







D-EN-SDN554GPP-20190325

- Flow and temperature monitoring of water and water-glycol mixtures
- Programmable
- 2x PNP output flow
- 2x PNP output temperature
- 2x Analog output



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Technical data			
Type	SDN 554/1 GPP	SDN 554/2 GPP	SDN 554/3 GPP
ID-No.	P11313	P11314	P11315
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	 	2x PNP NC / NO, progr.	
	 	2x PNP NC / NO, progr.	
Supply voltage [V]	24 DC $\pm$ 10%		
Current consumption [mA]	<100		
Switching current [mA]	100 (20 °C) each output		
Load $R_L$ [ $\Omega$ ]	-		
Ambient temperature [°C]	0...+60		
Medium temperature [°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, switching point, hysteresis, switching output, time on/off delay		
Temperature control [°C]	-9.8...90, switching points		
Compressive strength [bar]	20		
Material	housing: PBT, sensor: AISI 316 Ti / FKM		
Protection [EN 60529]	IP 65		

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Type	SDN 554 GPP	
Connection	M12 connector	
		<p>1: BN 2: WH 3: BU 4: BK 5: GY 6: PK</p>
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](http://www.schmidt-messtechnik.com).