

Inline-Compact • Digital display • 40 l/min

Series SDN - Flow controller

Flow- and temperature monitoring
of water and water-glycol mixtures

Programmable

2x PNP output
Analog output



Design	SDN 552... GPP			SDN 552... GAPP		
Dimensions						
Medium	water / glycol (0, 5, ..., 25, 30%)					
Working range [l/min]	1...10	2...20	4...40	1...10	2...20	4...40
Outer diameter pipe [mm]	10	15	18	10	15	18
Pipe connection	tube fittings for steel tubes according to DIN 2391 / ISO 3304					
Output	2x PNP NC / NO, progr.			PNP NC / NO, progr. + 4...20 mA, linear		
ID-No.	P11293	P11294	P11295	P11296	P11297	P11298
Type	SDN 552/1 GPP	SDN 552/2 GPP	SDN 552/3 GPP	SDN 552/1 GAPP	SDN 552/2 GAPP	SDN 552/3 GAPP
Supply voltage [V]	24 DC ±10%			24 DC ±10%		
Current consumption [mA]	<100			<100		
Switching current [mA]	200			200		
Load R _L [Ω]	-			200...500		
Ambient temperature [°C]	0...+60			0...+60		
Medium temperature [°C]	-10...+90			-10...+90		
Temperature gradient [K/min]	400			400		
Start-up time [s]	6...10			6...10		
Reaction time [s]	1...8			1...8		
Programmable functions	switching point, hysteresis, switching output, time on/off delay, glycol percentage, adjustable to reference, averaging, access code					
Temperature control [°C]	-10...90, alternative switching point					
Compressive strength [bar]	20					
Material	housing: PBT sensor: AISI 316 Ti / FKM					
Protection [EN 60529]	IP 65					
Connection	M12 connector					
Accessories	mounting plate, connecting cable type SLG (page 1.78), adapter G1/2, adapter G1/4 (page 1.82)					