

## Inline-Compact • up to 6 l/min

### Series SDN - Flow controller

DC 24 V  
PNP output  
Relay output  
Analog output

G1/4 thread • Ø4 mm  
G1/4 thread • Ø9 mm



Design	G1/4 • Ø4 mm			G1/4 • Ø9 mm		
Dimensions						
Detection range [l/min]	0.001...1			0.01...6		
Working range [l/min]	0.015...1			0.1...6		
Inner diameter d [mm]	4			9		
Maximum flow [l/h]	300			1800		
Output						
ID-No.	P11247*	P11271	P11249*	P11248*	P11273	P11250*
Type	SDN 504 GSP	SDN 504 GR	SDN 504 GA	SDN 510 GSP	SDN 510 GR	SDN 510 GA
Switching current [mA]	200	1000	-	200	1000	-
Switching voltage [V]	-	30 AC/36 DC	-	-	30 AC/36 DC	-
Load RL [Ω]	-	-	200...500	-	-	200...500
Supply voltage [V]	24 DC ±10%					
Current consumption [mA]	<50					
Ambient temperature [°C]	0...+60					
Medium temperature [°C]	0...+80					
Temperature gradient [K/min]	400					
Start-up time typ. [s]	5...15					
Reaction time typ. [s]	0.5...1					
Compressive strength [bar]	20					
Display flow	LED-array					
Material	housing: PBT sensor: AISI 316 Ti					
Protection [EN 60529]	IP 67					
Connection	M12 connector					
*  US LISTED						
Accessories	connecting cable type SLG, SLW, SBG, SBW, see page 1.91					