

Inline-Compact • Micro flow

Series SDN - Flow controller

DC 24 V

PNP output • Relais output

Analog output

Ø4 mm

Ø6 mm for tube fittings

Fast reaction time - high sensitivity



Design	Tube connection Ø4 mm			Tube connection Ø6 mm		
Dimensions						
Detection range [ml/min]	0.1...500					
Working range [ml/min]	1...200					
Diameter [mm]	inner diameter 3.6, outer diameter 4.0			inner diameter 3.6, outer diameter 6.0		
Maximum flow [l/h]	100			100		
Output	PNP	Relay	4...20 mA	PNP	Relay	4...20 mA
ID-No.	P11265 *	P11277	P11266 *	P11332 *	P11333	P11334 *
Type	SDN 503 GSP	SDN 503 GR	SDN 503 GA	SDN 503/2 GSP	SDN 503/2 GR	SDN 503/2 GA
Switching current [mA]	200	1000	-	200	1000	-
Switching voltage [V]	-	30 AC / 36 DC	-	-	30 AC / 36 DC	-
Load R _L [Ω]	-	-	200...500	-	-	200...500
Supply voltage [V]	24 DC ±10%					
Current consumption [mA]	< 50					
Ambient temperature [°C]	0...+60					
Medium temperature [°C]	0...+60					
Temperature gradient [K/min]	400 (min. 100 ml/min)					
Start-up time [s]	5...20					
Reaction time typ. [s]	0.5...3					
Compressive strength [bar]	1			10		
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 1.78					