

Inline-Compact • Micro flow

Series SDN 500

DC 24 V

PNP output • Relais output

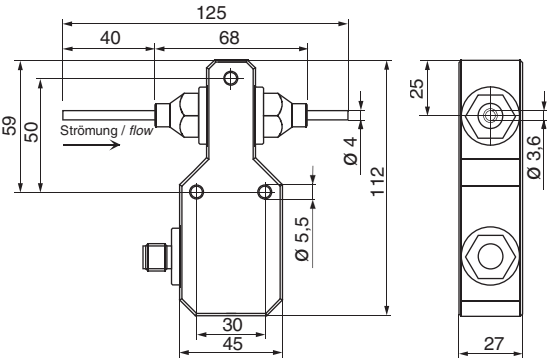
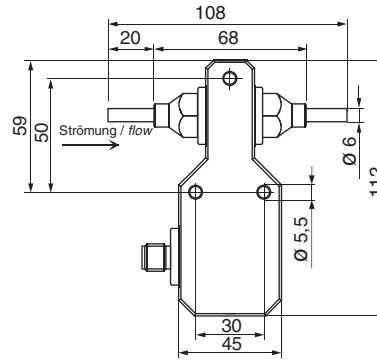
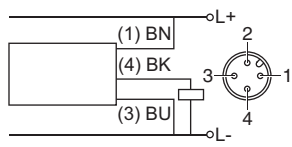
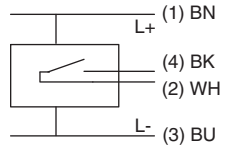
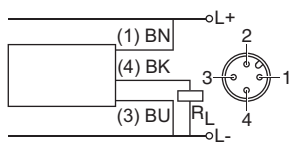
Analog output

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					
Inner diameter d	[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
Supply voltage	[V]	24 DC ±10%					
Current consumption	[mA]	< 50					
Switching voltage	[V]	–	30 AC/36 DC	–	–	30 AC/36 DC	–
Switching current	[mA]	200 (20 °C)	1000	–	200 (20 °C)	1000	–
Load R _L	[Ω]	–	–	200...500	–	–	200...500
Ambient temperature	[°C]	0...+60					
Medium temperature	[°C]	0...+60					
Temperature gradient	[K/min]	400 (> 100 ml/min)					
Start-up time	[s]	5...60					
Reaction time typ.	[s]	0.5...10					
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 E304328		  					
Accessories		connecting cable type SLG, SLW, SBG, SBW, see page 1.99					