Inline Compact Flow Sensors SDN 504 - 510

Flow monitor according to the thermodynamic principle for liquids

- For very small quantities
- No mechanically moving parts
- Short reaction time
- Integrated electronics
- Compact design
- Thread connection ¼ "

D-EN-SDN504-510-20190326

Fon 0 67 32 - 91 91 20 Fax 0 67 32 - 96 24 42 info@schmidt-messtechnik.de

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Design	**G¼ - Ø 4mm**			**G¼ - Ø 9mm**		
Detection range [l/min]	0,001…1			0,01…6		
Working range [l/min]	0,015…1			0,1…6		
Inner diameter [mm]	4			9		
Maximum flow [l/h]	300			1800		
Output	 PNP	 Relais	 4-20mA	 PNP	 Relais	 4-20mA
Type	SDN 504 GSP	SDN 504 GR	SDN 504 GA	SDN 510 GSP	SDN 510 GR	SDN 510 GA
ID-No.	**P11247**	**P11271**	**P11249**	**P11248**	**P11273**	**P11250**
Supply voltage [V]	24 DC ±10%					
Current consumption [mA]	<50					
Switching voltage [V]	-	30AC/36DC	-	-	30AC/36DC	-
Switching current [mA]	200 (20°C)	1000	-	200	1000	-
Load R_L [Ω]	-	-	200…500	-	-	200…500
Ambient temperature [°C]	0…+60					
Medium temperature [°C]	0…+80					
Temperature gradient [K/min]	400 (>0.1 l/min)			400 (>0.5 l/min)		
Start-up time typ. [s]	5…15					
Reaction time typ. [s]	0,5…10					
Compressive strength [bar]	20					
Display flow	LED-array					
Sensor material	AISI 316 Ti					
Housing materialf	PBT					
Protection [EN 60529]	IP67					
Connection	M12 connector					

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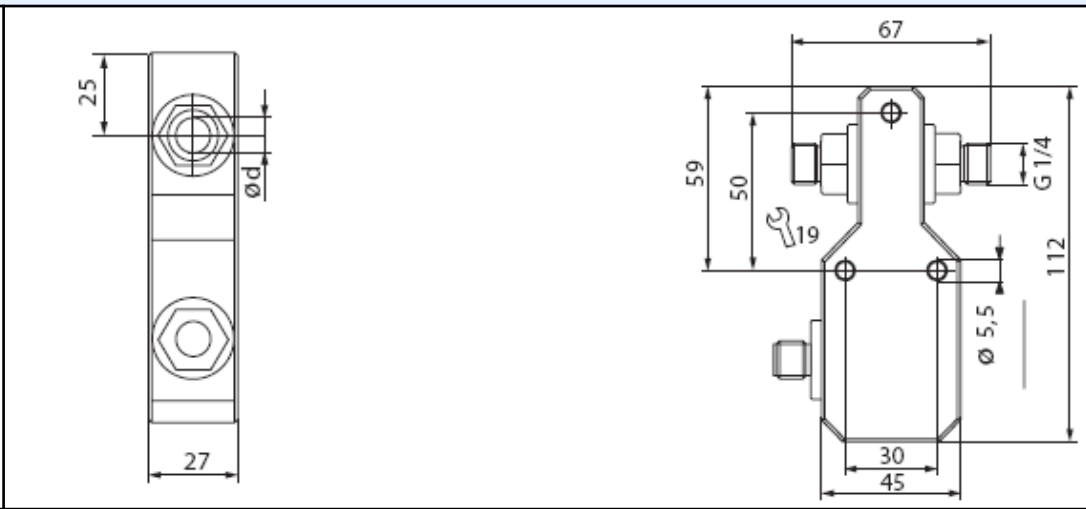
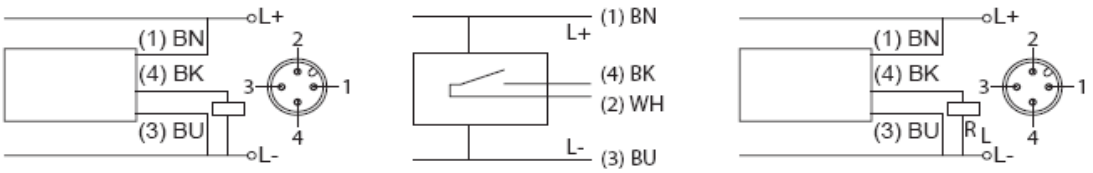
Technical data	
Dimensions	
c UL us LISTED	

Accessories	
Type	
SLG	Connecting cable
SLW	Connecting cable

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.

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