



Flow Sensors SN 450-G, Compact Models

Flow monitor according to the thermodynamic principle for liquids



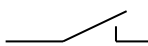
- One-piece stainless steel sensor
- Integrated electronics
- LED adjustment
- PNP output
- High pressure resistance
- Robust PA housing
- Stainless steel coated measuring system

D-EN-SN450G-20190312



Flow Sensors SN 450-G, Compact Models

Flow monitor according to the thermodynamic principle for liquids

Technical data				
Design: thread	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$
Detection range [cm/s]	water 1...150 / oil 3...300			
Output				
Sensor length L [mm]	31	31	48	48
Type	SN450-A4-GSP	SN450-A4-GSP-S	SN450/1-A4-GSP	SN450/1-A4-GSP-S
ID No.	P11241	P11161	P11228	P11162
Supply voltage [V]	24 DC \pm 20%			
Current consumption [mA]	60			
Switching current [mA]	400			
Ambient temperature [°C]	-20...+70			
Medium temperature [°C]	-20...+80			
Temperature gradient [K/min]	250			
Start-up time typ. [s]	8 (2...15)			
Reaction time typ. [s]	2 (1...13)			
Compressive strength[bar]	100			
Sensor material	Stainless steel AISI 316 Ti, other materials on request			
Housing material	PBT			
Display flow	LED-array			
Protection [EN 60529]	IP 67			
Connections	2 m PVC-cable 3x0,5 mm ²	M12 connector	2 m PVC-cable 3x0,5 mm ²	M12 connector

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.



Flow Sensors SN 450-G, Compact Models

Flow monitor according to the thermodynamic principle for liquids

Technical data	
	G$\frac{1}{2}$, L 31 mm and G$\frac{1}{2}$, L 48 mm
Dimensions	

Accessories: connection cables	
Type	
SLG 3-2	Cable socket M12x1 DC, straight 2m PVC-cable 3x0,34mm ²
SLG 3-5	Cable socket M12x1 DC, straight 5m PVC-cable 3x0,34mm ²
SLW 3-2	Cable socket M12x1 DC, angle 2m PVC-cable 3x0,34mm ²
SLW 3-5	Cable socket M12x1 DC, angle 5m PVC-cable 3x0,34mm ²

D-EN-SN450G-20190312