Compact Flow Sensor SN 450 W

Flow sensor according to the thermodynamic principle

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

D-EN-SN450W-20190325

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

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Technical data				
Thread	**G½**	**G½**	**G½**	**G½**
Detection range [cm/s]	water 1…150 / oil 3…300			
Output	 PNP			
Sensor length L [mm]	31	31	48	48
Type	SN450-A4-WR1	SN450-A4-WR2	SN450/1-A4-WR1	SN450/1-A4-WR2
ID-No.	**P11113**	**P11114**	**P11074**	**P11076**
Supply voltage [V]	115 AC ±15%	230 AC ±15%	115 AC ±15%	230 AC ±15%
Current consumption [mA]	60	30	60	30
Switching voltage [V]	250 AC / 60 DC			
Switching current [mA]	4 A AC / 4 A DC			
Switching power max.	1000 VA / 60 W			
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	AISI 316 TI, different materials on request			
Housing material	PBT			
Display flow	LED-array			
Protection [EN 60529]	IP 67			
Connections	2 m PVC-cable 5x0,5 mm²			

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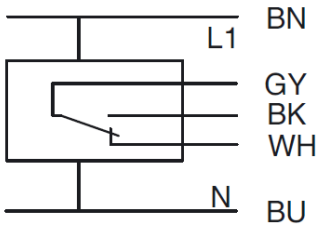
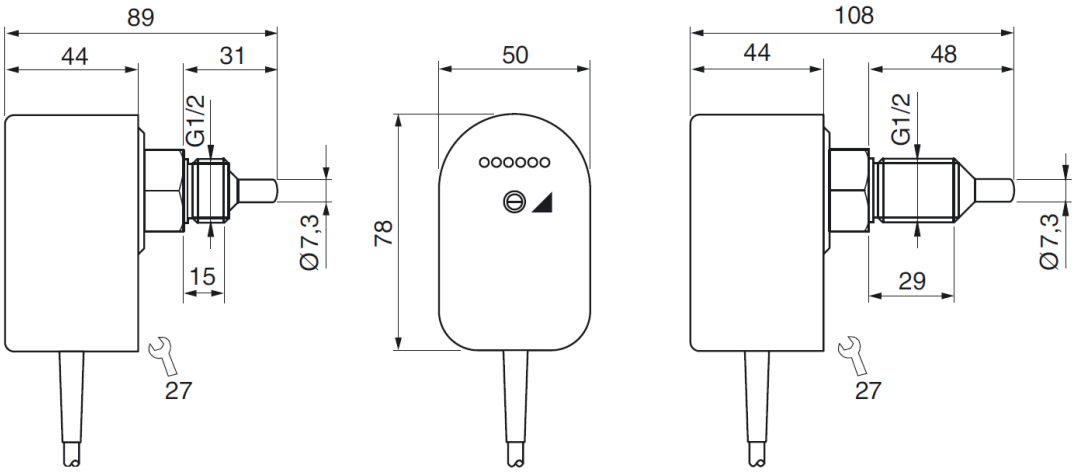
Type	SN 450 W
Connection	
Dimensions	

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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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