



Flow Sensors SN 450-GA, Compact Models

Flow monitor according to the thermodynamic principle for liquids




- Compact models DC analog
- Screw-in mounting
- DC 24 V
- Analog output 4...20 mA
- G $\frac{1}{2}$ thread

D-EN-SN450GA-20190326



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Technical data					
Design: thread	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$
Detection range [cm/s] water oil	5...150	5...300	5...150	5...3050	5...150 3...300
Output	 4...20 mA				
Sensor length L [mm]	31	31	48	48	48
Type	SN 450 GA	SN 450 GA-3M	SN 450/1-GA	SN 450/1-GA-3M	SN 450/1 GAN-S
ID No.	P11121	P11118	P11095	P11122	P11239
Supply voltage [V]	24 DC \pm 10%				
Current consumption [mA]	<100				
Current output [mA]	4...20, linear				4...20, non linear
Load R _L [Ω]	200...500				
Ambient temperature [°C]	-20...+70				
Medium temperature [°C]	-20...+80				
Start-up time typ. [s]	8...60				
Reaction time typ. [s]	3				
Compressive strength [bar]	100				
Sensor material	AISI 316 Ti, different materials on request				
Housing material	PBT				
Display flow	LED-array				
Protection [EN 60529]	IP 65				
Connection	M12 connector				



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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	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.