



Compact Flow Sensor SN 450 2-3

Extra long compact flow sensor according to the thermodynamic principle for liquids



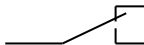
- Sensor length 120 (80) mm
- Stainless steel sensor
- High pressure resistance
- Integrated electronics
- Relay output

D-EN-SN4502-3-20190325



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Technical data						
Design	G $\frac{1}{2}$, L=80 mm			G $\frac{1}{2}$, L=120 mm		
Detection range [cm/s]	water 1...150 / oil 3...300					
Output	 Relay					
Sensor length L [mm]	80	80	80	120	120	120
Thread	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$	G $\frac{1}{2}$
Type	SN450/2-A4-WR1	SN450/2-A4-WR2	SN450/2-A4-GR	SN450/3-A4-WR1	SN450/3-A4-WR2	SN450/3-A4-GR
ID-No.	P11079	P11080	P11081	P11082	P11083	P11084
Supply voltage [V]	115 AC \pm 15%	230 AC \pm 15%	24 DC \pm 20%	115 AC \pm 15%	230 AC \pm 15%	24 DC \pm 20%
Current consumption [mA]	60	30	80	60	30	80
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					

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Type	SN 450/2	SN 450/3
Connection	2 m PVC-cable 5x0,5 mm ²	
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.