

Compact models DC • Relay output

Series SN 450 - Flow controller

DC 24 V

G1/2 thread



Design	G1/2 • L= 31 mm		G1/2 • L= 48 mm	
Dimensions				
Detection range [cm/s]	water 1...150 / oil 3...300			
Output				
Sensor length L [mm]	31	31	48	48
Thread	G1/2	G1/2	G1/2	G1/2
ID-No.	P11115	P11116	P11078	P11086
Type	SN 450-A4-GR	SN 450-A4-GRS	SN 450/1-A4-GR	SN 450/1-A4-GRS
Supply voltage [V]	24 DC ±20%			
Current consumption [mA]	80			
Switching voltage [V]	250 AC / 60 DC			
Switching current [mA]	4 A AC / 4 A DC	2 A AC / 2 A DC	4 A AC / 4 A DC	2 A AC / 2 A DC
Switching power max.	1000 VA / 60 W	500 VA / 50 W	1000 VA / 60 W	500 VA / 50 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			
Connection	2 m PVC-cable 5x0.5 mm ²	M12 connector	2 m PVC-cable 5x0.5 mm ²	M12 connector
Accessories	connecting cable type SLG 4-2, SLG 4-5, SLW 4-2, SLW 4-5, see page 1.91			