

# FLOW CONTROLLER

## Compact models



Series SN 450

G1/2 thread

AC 230 V • 115 V

Relay output



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.	P11113	P11114	P11074	P11076
Type	SN 450-A4-WR1	SN 450-A4-WR2	SN 450/1-A4-WR1	SN 450/1-A4-WR2
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		
Connection	2 m PVC-cable, 5x0.5 mm <sup>2</sup>			