

Compact models AC/DC • Turn on/off delay

Series SN 450 - Flow controller

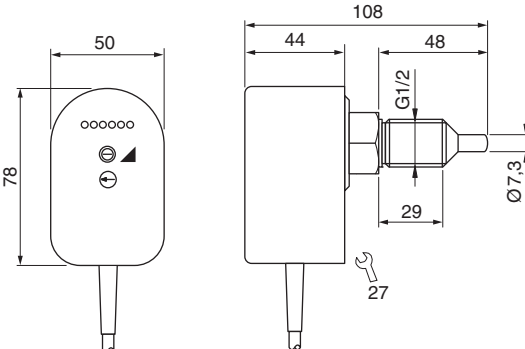


DC 24 V

AC 230 V

Relay output

G1/2 thread



Design	Turn on delay		Turn off delay	
Dimensions				
Detection range [cm/s]	water 1...150 / oil 3...300			
Output				
ID-No.	P11234		P11233	
Type	SN 450/1 GR-VE		SN 450/1 GR-VA	
			SN 450/1 WR2-VA	
Turn on delay [s]	0...25		-	
Turn off delay [s]	-		0...25	
Supply voltage [V]	24 DC ±20%		230 AC ±15%	
Current consumption [mA]	80		30	
Switching voltage [V]			250 AC / 60 DC	
Switching current [A]			2 AC / 2 DC	
Switching power max.			500 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 65			
Connection	2 m PVC-cable, 5x0.5 mm ²			
	