

Compact models AC/DC • Turn on/off delay

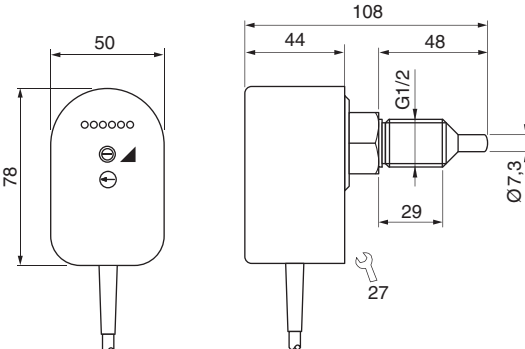

Series SN 450

AC 230 V • DC 24 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	 Relay			
ID-No.	P11234	P11233	P11231	
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	0...25	
Supply voltage [V]	24 DC ±20%	24 DC ±20%	230 AC ±15%	
Current consumption [mA]	<80	<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			
	