

Compact models DC • Temperature control

Series SNT 450 - Flow controller

DC 24 V
PNP output

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
Temperature [°C]	0...+80	0...+80	0...+80	0...+80
ID-No.	P11218*	P11219*	P11224*	P11225*
Type	SNT 450-A4-GSP	SNT 450-A4-GSP-S	SNT 450/1-A4-GSP	SNT 450/1-A4-GSP-S
Supply voltage [V]	24 DC ±20%			
Current consumption [mA]	60			
Switching current [mA]	400 (25 °C)			
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 4x0.5 mm ²	M12 connector	2 m PVC-cable 4x0.5 mm ²	M12 connector
* US LISTED				
Accessories	connecting cable type SLG 4-2, SLG 4-5, SLW 4-2, SLW 4-5, see page 1.91			