



Compact models DC-PNP | Screw-in mounting

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
Thread		G1/2	G1/2	G1/2	G1/2
ID-No.		P11241*	P11161*	P11228*	P11162*
Type		SN 450-A4-GSP	SN 450-A4-GSP-S	SN 450/1-A4-GSP	SN 450/1-A4-GSP-S
Supply voltage	[V]	24 DC ±20%			
Current consumption	[mA]	< 60			
Switching current	[mA]	< 400 (20 °C)			
Ambient temperature	[°C]	-20...+70			
Medium temperature	[°C]	-20...+80			
Temperature gradient	[K/min]	250 (> 60 cm/s)			
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 3x0.5 mm ²	M12 connector	2 m PVC-cable 3x0.5 mm ²	M12 connector
* US LISTED E304328					
Accessories		connecting cable type SLG 3-2, SLG 3-5, SLW 3-2, SLW 3-5, see page 1.114			