

Compact models • Sleeve mounting

Series LN 450

AC 230 V • AC 115 V

DC 24 V

Relay output

Suitable for assembly
thread pieces



Design	G1		G1	
Dimensions				
Detection range [m/s]	0.5...30		0.5...30	0.5...30
Output	Relay		Relay	Relay
ID-No.	P11106	P11107	P11108	P11109
Type	LN 450 WR1-K	LN 450 WR2-K	LN 450 GR-K	LN 450 GR-S
Supply voltage [V]	115 AC ±15%	230 AC ±15%	24 DC ±20%	
Current consumption [mA]	60	30	80	
Switching voltage [V]	250 AC / 60 DC		250 AC / 60 DC	30 AC / 36 DC
Switching current [A]	4 AC / 4 DC		4 AC / 4 DC	1 AC / 1 DC
Switching power max.	1000 VA / 60 W		1000 VA / 60 W	500 VA / 60 W
Ambient temperature [°C]	-20...+70		-20...+70	
Medium temperature [°C]	-20...+80		-20...+80	
Temperature gradient [K/min]	20		20	
Start-up time typ. [s]	10...90		10...90	
Reaction time typ. [s]	2...30		2...30	
Compressive strength [bar]	3		3	
Sensor material	AISI 303 / Delrin		AISI 303 / Delrin	
Housing material	PBT		PBT	
Display flow	LED-array		LED-array	
Protection [EN 60529]	IP 67		IP 67	
Connection	2 m PVC-cable 5x0.5 mm ²		2 m PVC-cable 5x0.5 mm ²	M12 connector
Accessories	thread sleeve A 50..., see page 1.102			

