



Compact models | Sleeve mounting

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 max. [V] | 250 AC / 60 DC | | 250 AC / 60 DC | 30 AC / 36 DC |
| Switching current max. [A] | 4 AC / 4 DC | | 4 AC / 4 DC | 1 AC / 1 DC |
| Switching power max. | 1000 VA / 60 W | | 1000 VA / 60 W | - |
| Ambient temperature [°C] | -20...+70 | | -20...+70 | |
| Medium temperature [°C] | -20...+80 | | -20...+80 | |
| Temperature gradient [K/min] | 20 (>15 m/s) | | 20 (>15 m/s) | |
| 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 |
| | 1: BN 2: WH 3: BU 4: BK | L1 BN GY BK WH N BU | L+ BN GY BK WH L- BU | L+ (1) BN (4) BK (2) WH L- (3) BU |
| Accessories | thread sleeve A 50..., see page 1.117 | | | |