



Compact models DC | with temperature control

DC 24 V

Relay 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 | Relay | | | |
| Sensor length L [mm] | 31 | 31 | 48 | 48 |
| Temperature [°C] | 0...+80 | 0...+80 | 0...+80 | 0...+80 |
| ID-No. | P11216 | P11217 | P11222 | P11223 |
| Type | SNT 450-A4-GR | SNT 450-A4-GR-S | SNT 450/1-A4-GR | SNT 450/1-A4-GR-S |
| Supply voltage [V] | 24 DC ±20% | 24 DC ±20% | 24 DC ±20% | 24 DC ±20% |
| Current consumption [mA] | < 80 | < 80 | < 80 | < 80 |
| Switching voltage max. [V] | 250 AC / 60 DC | 30 AC / 36 DC | 250 AC / 60 DC | 30 AC / 36 DC |
| Switching current max. [mA] | 2A AC / 2A DC | 1A AC / 1A DC | 2A AC / 2A DC | 1A AC / 1A DC |
| Switching power max. | 500 VA / 60 W | - | 500 VA / 60 W | - |
| 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 65 | | | |
| Connection | 2 m PVC-cable 6x0.5 mm ² | M12 connector | 2 m PVC-cable 6x0.5 mm ² | M12 connector |
| | | | | |
| Accessories | connecting cable type SLG 5-2, SLW 5-2, see page 1.114 | | | |