

Metal cylindrical shape photoelectric sensors **PR18G** series


Features

- ◆ Retro reflection working principle;
- ◆ Excellent anti-interference performance
- ◆ High detection accuracy



Part number

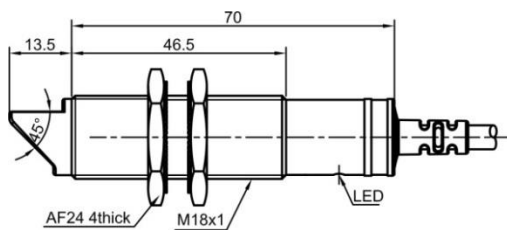
AC 2 wires NO PR18G-DM3ATO

AC 2 wires NC PR18G-DM3ATC

Technical specifications

| | | | |
|-------------------------|-----------------------------|-----------------------|---------------------------|
| Detection type | Retro reflection | Consumption current | ≤3mA |
| Rated distance [Sn] | 3m (non-adjustable) | Circuit protection | |
| Standard target | TD-09 reflector | Response time | < 50ms |
| Light source | Infrared LED (880nm) | Output indicator | Yellow LED |
| Dimensions | M18*83.5mm | Ambient temperature | -15°C...+55°C |
| Output | NO/NC (depends on part No.) | Ambient humidity | 35-85%RH (non-condensing) |
| Supply voltage | 20...250 VAC | Voltage withstand | 2000V/AC 50/60Hz 60s |
| Target | Opaque object | Insulation resistance | ≥50MΩ(500VDC) |
| Hysteresis range [%/Sr] | | Vibration resistance | 10...50Hz (0.5mm) |
| Repeat accuracy [R] | ≤5% | Degree of protection | IP65 |
| Load current | ≤300mA | Housing material | Nickel-copper alloy |
| Residual voltage | ≤10V | Connection type | 2m PVC cable |

Dimensions



Wiring diagram

