

Plastic slot shape photoelectric sensors **PU07** series


Features

- ◆ Small size, fixed distance detection;
- ◆ Excellent anti-interference performance
- ◆ High detection accuracy



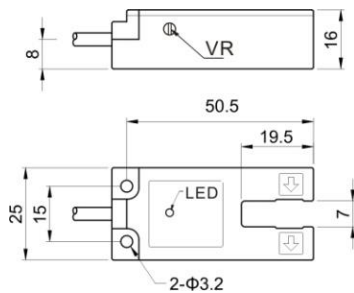
Part number

| | | | |
|--------|-----------|--------|-----------|
| NPN NO | PU07-TDNO | PNP NO | PU07-TDPO |
| NPN NC | PU07-TDNC | PNP NC | PU07-TDPC |

Technical specifications

| | | | |
|-------------------------|-----------------------------|-----------------------|---|
| Detection type | Through beam | Consumption current | ≤15mA |
| Rated distance [Sn] | 7mm (adjustable) | Circuit protection | Surge protection, Reverse polarity protection |
| Standard target | > φ1mm opaque object | Response time | < 1ms |
| Light source | Infrared LED (modulation) | Output indicator | Yellow LED |
| Dimensions | 50.5 mm *25 mm *16mm | Ambient temperature | -15°C...+55°C |
| Output | NO/NC (depends on part No.) | Ambient humidity | 35-85%RH (non-condensing) |
| Supply voltage | 10...30 VDC | Voltage withstand | 1000V/AC 50/60Hz 60s |
| Min target | | Insulation resistance | ≥50MΩ(500VDC) |
| Hysteresis range [%/Sr] | | Vibration resistance | 10...50Hz (1.5mm) |
| Repeat accuracy [R] | | Degree of protection | IP64 |
| Load current | ≤200mA | Housing material | PBT |
| Residual voltage | ≤2.5V | Connection type | 2m PVC cable |

Dimensions



Wiring diagram

