

Plastic slot shape photoelectric sensors **PU15** series



Features

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

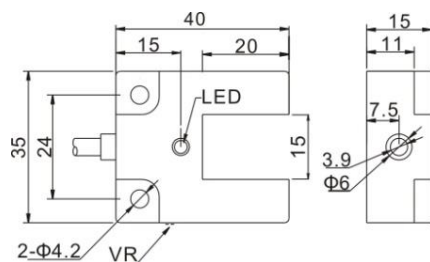
Part number

NPN NO	PU15-TDNO	PNP NO	PU15-TDPO
NPN NC	PU15-TDNC	PNP NC	PU15-TDPC

Technical specifications

Detection type	Through beam	Consumption current	≤15mA
Rated distance [Sn]	15mm (adjustable)	Circuit protection	Surge protection, reverse polarity protection
Standard target	>φ1.5mm opaque object	Response time	< 1ms
Light source	Infrared LED (modulation)	Output indicator	Yellow LED
Dimensions	40 mm *35 mm *15 mm	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

