

Slot shape photoelectric sensors **PU30** series



Features

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



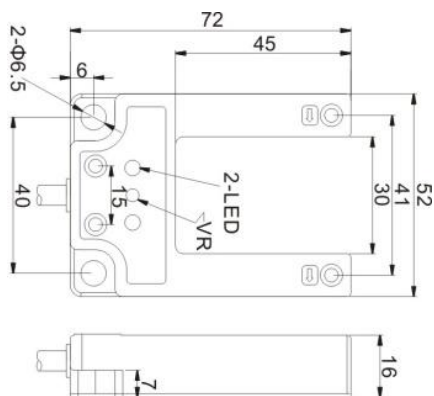
Part number

NPN NO/NC	PU30-TDNB 3001	PNP NO/NC	PU30-TDPB 3001
-----------	----------------	-----------	----------------

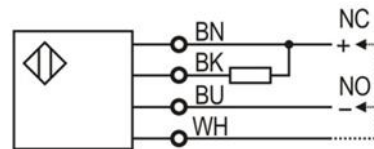
Technical specifications

Detection type	Through beam	Consumption current	≤15mA
Rated distance [Sn]	30mm (non-adjustable)	Circuit protection	Surge, reverse polarity and short-circuit
Standard target	>φ2mm opaque object	Response time	<1ms
Light source	Infrared LED (modulation)	Output indicator	Yellow LED
Dimensions	72 mm *52 mm *16mm	Ambient temperature	-15℃...+55℃
Output	NO/NC	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	IP60
Load current	≤200mA	Housing material	Aluminum alloy
Residual voltage	≤2.5V	Connection type	2m PVC cable

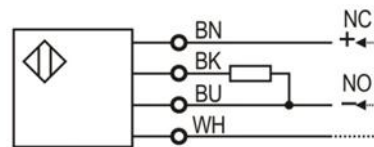
Dimensions



Wiring diagram



NPN NO/NC



PNP NO/NC