



Model: PU07-TDPC

Features

Small size, fixed distance detection;

Excellent anti-interference performance

High detection accuracy

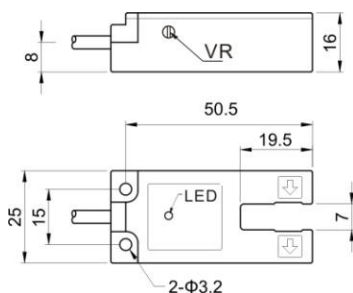
Part Number

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
Light source	Infrared LED (modulation)	Response time	< 1ms
Standard target	> φ1mm opaque object	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

