Plastic square shape photoelectric sensors **PTL** series



Features

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

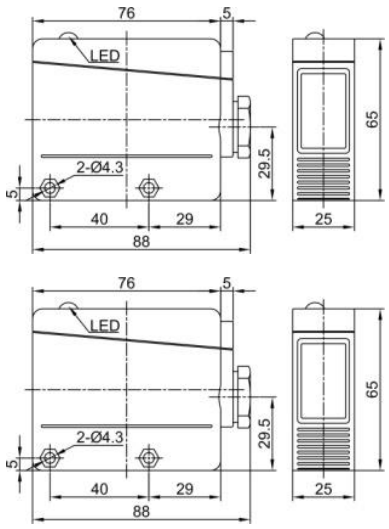
Part number

	Emitter	Receiver
Relay output	PTL-TM30S-D	PTL-TM30SKT3-D

Technical specifications

Detection type	Through beam	Consumption current	≤35mA
Rated distance [Sn]	30m (Receiver adjustable)	Circuit protection	……
Standard target	＞φ15mm opaque object	Response time	＜30ms
Light source	Infrared LED (880nm)	Output indicator	Emitter: Green LED Receiver: Yellow LED
Dimensions	88 mm *65 mm *25 mm	Ambient temperature	-15℃…+55℃
Output	Relay output	Ambient humidity	35-85%RH (non-condensing)
Supply voltage	24…240 VAC/12…240VDC	Voltage withstand	2000V/AC 50/60Hz 60s
Min target	……	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range [%/Sr]	……	Vibration resistance	10…50Hz (0.5mm)
Repeat accuracy [R]	≤5%	Degree of protection	IP67
Load current	≤3A (receiver)	Housing material	PC/ABS
Residual voltage	……	Connection type	Terminal
Delay time	0.1…5s(P2 Potentiometer)		

Dimensions



Wiring diagram

