

Plastic square shape photoelectric sensors **PSC** series



Features

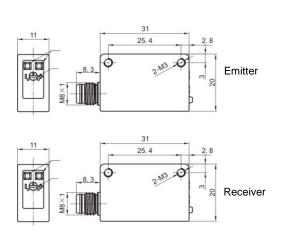
- ◆Through beam reflection working principle;
- ◆Excellent anti-interference performance
- ◆High detection accuracy

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Part number						
	Emitter	Receiver		Emitter	Receiver	
NPN NO/NC	PSC-TM5T-E1	PSC-TM5TNB-E1	PNP NO/NC	PSC-TM5T-E1	PSC-TM5TPB-E1	

Technical specifications					
Detection type	Through beam	Consumption current	≤15mA		
Rated distance [Sn]	5m (Emitter adjustable)	Circuit protection	Short-circuit and reverse polarity		
Standard target	>φ10mm opaque object	Response time	< 2ms		
Light source	Infrared LED (850nm)	Output indicator	Emitter: Green LED Receiver: Yellow LED		
Dimensions	31 mm *20 mm *11mm	Ambient temperature	-25°C+55°C		
Output	NO/NC	Ambient humidity	35-85%RH (non-condensing)		
Supply voltage	1224VDC	Voltage withstand	1000V/AC 50/60Hz 60s		
Min target		Insulation resistance	≥50MΩ(500VDC)		
Hysteresis range [%/Sr]		Vibration resistance	1050Hz (0.5mm)		
Repeat accuracy [R]	≤5%	Degree of protection	IP67		
Load current	≤100mA (receiver)	Housing material	PC/ABS		
Residual voltage ≤2.5V (receiver)		Connection type	M8 Connector		

Dimensions



Wiring diagram

