Plastic square photoelectric sensor PSE-GM series

Feature description

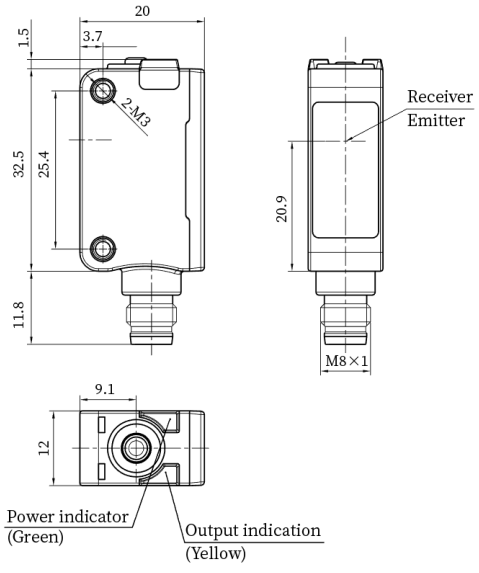
- Universal housing, an ideal substitute for sensors of various styles
- Comply with IP67, suitable for harsh environment
- Sensitivity one-key setting, accurate and fast setting
- Stable detection of various transparent bottles and various transparent films • Normally open and normally closed switchable
- Coaxial optical principle, no blind zone

CE UKCA

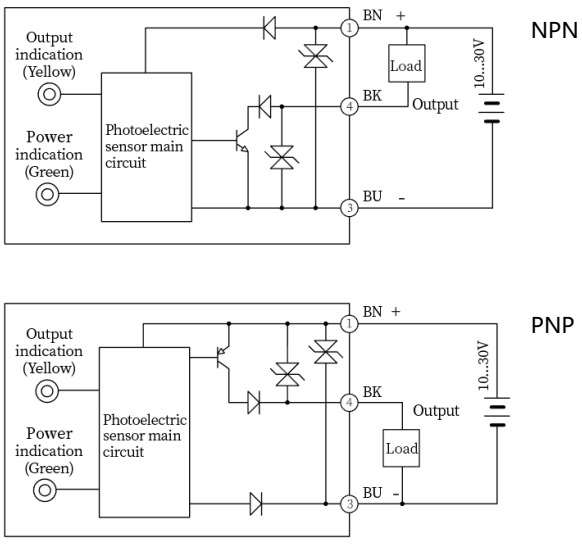
Model specification			
NPN NO/NC	PSE-GM2DNBB-E3	PNP NO/NC	PSE-GM2DPBB-E3

Specifications			
Detection type	Polarized reflection (Coaxial Light)	Anti ambient light	Sunshine ≤10,000Lux;Incandescent≤3,000Lux
Detection distance	2m	Storage temperature	- 30...70 ℃
Light spot size	≤60mm@ 2m	Operating temperature	- 25...55 ℃ (No condensation, no icing)
Supply voltage	10...30VDC (Ripple P-P: < 10%)	Vibration resistance	10...55Hz,Double amplitude 0.5mm (0.5H each for X、Y、Z direction)
Consumption current	< 25mA	Impulse withsand	500m/s² ,3 times each for X、Y、Z direction
Load current	200mA	High pressure resistant	1000V/AC 50/60Hz 60s
Voltage drop	≤1.5V	Protection degree	IP67
Light source	Blue light(460nm)	Housing material	PC+ABS
Protection circuit	Short circuit protection,Polarity protection,Overload protection	Lens	PMMA
Indicator	Green:Power indicator	Weight	10g
	Yellow:Output indication,Overload indication	Connection type	M8 Connector
Response time	< 0.5ms	Accessories	Mounting Bracket:ZJP-8,Operation manual,TD-09A Reflector
NO/NC adjustment	Press the button for 5...8s, when the yellow and green light flash synchronously at 2Hz, finish the state switching.		
Distance adjustment	The product is facing the reflector,press the button for 2...5s,when the yellow and green light flash synchronously at 4Hz, and lift to finish the distance		
	setting.If the yellow and green light flash asynchronously at 8Hz, setting fails and the product distance goes to the maximum.		

Dimension



Wiring diagram



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