



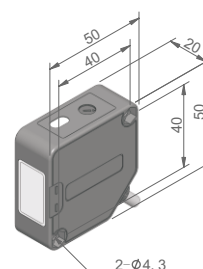
Retro-reflective , Cable type, relay output

- Standard : GB/T 14048.10-2008 or IEC:IEC60947-5-2:2004;
- CE certification (NO.0B170829.TJGDN20)

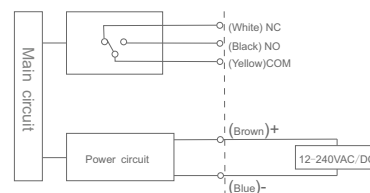
Parameter

Detection type	Retro-reflective type
Detection object	Min Φ30mm opaque
Detection distance	RP 04: 0~7m, RP 01: 0~12m
Supply voltage	12~240V DC/AC
Power consumption	Max.3VA
Response time	Max.20ms
Light	Red LED(wave length 660nm)
Action mode	Selecting Light On or Dark On by potentiometer
Control output	Relay output , (contact rating : 30VDC 3A resistance load, 250VAC, 3A resistance load, contact component :1C)
Indicator	Power indicator : green, Action indicator : red
Protection circuit	Reverse polarity protection , surge protection
Ambient lightness	Sunlight: Max.30000Lux Fluorescent: Max.3000Lux
Ambient humidity	-20℃~65℃ (No-freezing)
Ambient temp	35~85%RH
Housing material	Housing: ABS Lens: PMMA
Shape & size	As dimension
Cable	Emitter : Φ5, 2×0.3mm ² ; Receiver : Φ5, 5×0.2mm ²
Protection rating	IP65 (IEC)
Accessory	Bracket: IB02, Screw: M4×25

Dimension



Control output diagram



Free Power, Relay output

- The detection distance is measured with RP05 reflector.Reflector varies as per difference detection distance.

Model

Installation	Product Model	Detection Distance	Code
Retro-reflective type	PFR 50 R-RF	0~7m , 0~12 m	2001049



RP - IB Series

Accessories

Accessories — Reflector



For retro-reflective type photoelectric sensor

Model	Detection range	Shape & Size
RP01	0~12m	<p>Code : 2001116</p>
RP04	0~7m	<p>Code : 2001117</p>
IB02	Mounting Bracket for PFR 50 series photoelectric sensor	<p>Code : 2001145</p>

