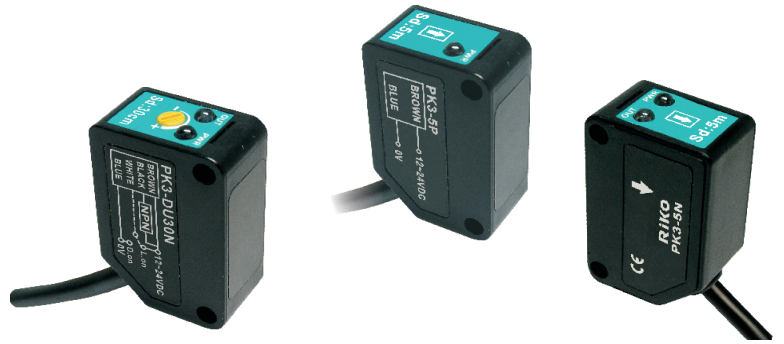


Rectangular Photo Sensor

PK3

◆ Characteristic :

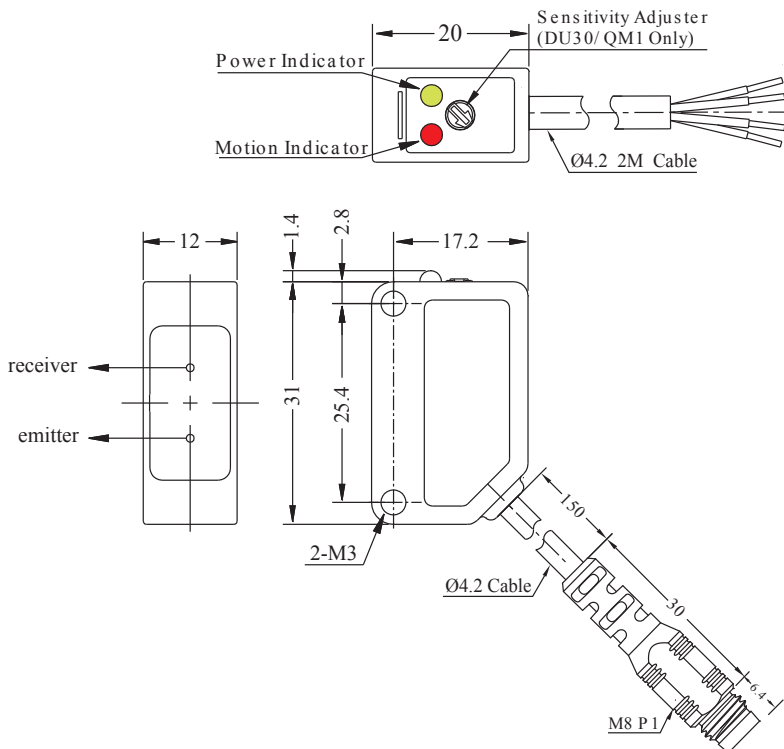
- Standard screw hole 25.4mm.
- Visible dual LED makes you easy to know the current operating situation.
- Compact size (W12xH31xD20mm), space saving.



◆ Specifications :

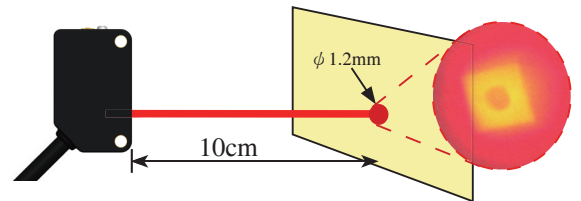
Model	Pre-wired Ø4.2	PK3-DU30N	PK3-DU30P	PK3-QM1N	PK3-QM1P	PK3-5N	PK3-5P
	M8 Pigtailed type	PK3-DU30NB	PK3-DU30PB	PK3-QM1NB	PK3-QM1PB	PK3-5NB	PK3-5PB
Sensing type	Diffuse reflection		Diffuse reflection (RED)		Through beam		
Sensing distance	30 cm white paper 300x300 mm		10cm		5M		
Emitting light	Infrared LED 850 nm		Red LED 660 nm		Infrared LED. 940 nm		
Operating voltage	DC12 ~ 24 V						
Current Consumption	25 mA Max.		20 mA Max.		40 mA Max.		
Load current	100mA Max. at DC24V						
Output type	□ : NPN L.on/D.on / □ : PNP L.on/D.on						
Response time	1.5 ms Max.		1 ms Max.		1.5 ms Max.		
Insulation resistance	20MΩ min. (DC500V)						
Voltage withstandability	AC1000V 60Hz for 60 Sec.						
Operating temperature	- 20 °C ~ + 60 °C						
Ambient humidity	35% ~ 85% RH						
Protection degree	IP64						
Material	ABS						
Wiring method	PK3-□N/P	Pre-wired Ø4.2 x 2 M / 4-wires				(Receiver) Ø4.2 x 2 M / 4-wires / (Emitter) Ø4.2 x 2 M / 2-wires	
	PK3-□B	M8 pigtailed connector type					
Weight	PK3-□N/P	Approx.60g				Approx.115g	
	PK3-□B	Approx.20g				Approx.40g	

◆ Dimensions : (unit:mm)



◆ Clearly visible red LED (QM series)

The visible red LED is available at the distance of 10cm for PK3-QM□. It is easy for your installation and detection.



◆ With reflector, sensing distance 0.05~2m

