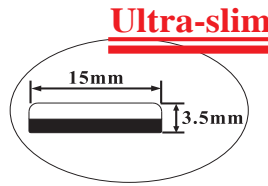


Micro-sized Flat Photo Sensor

PK5

◆ Characteristic

- Ultra slim body(only 3.5mm thickness). Easy to be mounted.
- Application : Narrow space sensing.
- Visible focused lightn, easy for recognition.

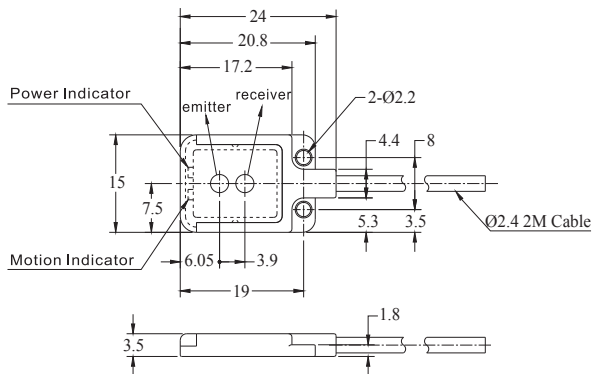


◆ Specifications :

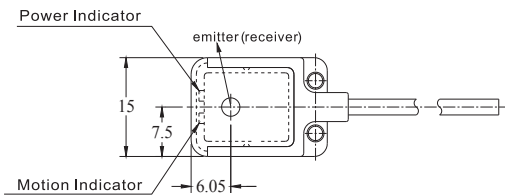
Model	PK5-DU03N	PK5-F05N	PK5-1N
	PK5-DU03P	PK5-F05P	PK5-1P
Sensing type	Diffuse reflection	Diffuse reflection (small spot from LED Red light)	Through beam
Sensing distance	3 cm, white paper 100x100mm	5 cm , white paper 100x100mm	1M
Emitting light	Red LED 632 nm		Infrared LED 940nm
Operating voltage	DC12 ~ 24 V±10% (Ripple P-P : 10% Max.)		
Current Consumption	15 mA Max.		
Load current	100mA Max. at DC24V		
Output type	<input type="checkbox"/> N : NPN L.on <input type="checkbox"/> P : PNP L.on		<input type="checkbox"/> N : NPN D.on <input type="checkbox"/> P : PNP D.on
Protection circuit	Reversed supply circuit protection, short circuit protection output		
Response time	0.5 ms Max.		
Insulation resistance	20MΩ min. (DC500V)		
Voltage withstandability	AC1000V 60Hz for 60 Sec.		
Operating temperature	-10°C ~ + 45°C (No freezing allowed)		
Ambient humidity	35% ~ 85% RH		
Storage temperature	-10°C ~ + 55°C (No freezing allowed)		
Storage humidity	35% ~ 95% RH		
Protection degree	IP64	IP65	IP64
Material	ABS		
Wiring method	Ø2.4 x 2 M / 3-wires		(Receiver) Ø2.4 x 2 M / 3-wires / (Emitter) Ø2.4 x 2 M / 2-wires
Option	PK5/PM6 Mounting Bracket		
Weight	Approx.20g		Approx.40g

◆ Dimensions : (unit:mm)

• PK5-DU03N/P



• PK5-1N/P



• PK5-F05N/P

