

◆ Characteristic :

- Focused small light spot easy to detect tiny objects.
- Complied with mask tilt, mounted in narrow space.



◆ Specifications :

Model	PM6-DU05N	PM6-T50N	PM6-2N
	PM6-DU05P	PM6-T50P	PM6-2P
Sensing type	Diffuse reflection	Through beam	
Sensing distance	5 cm, White paper 100x100 mm	50cm	2M
Emitting light	Infrared LED 940nm		
Operating voltage	DC12 ~24V±10% (Ripple P-P : 10% Max.)		
Current Consumption	20mA Max.	30mA 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	1 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		
Material	ABS		
Wiring method	Ø2.4 x 2M / 3-wires	(Receiver) Ø2.4 x 2 M / 3-wires / (Emitter) Ø2.4 x 2 M / 2-wires	
Option (Page 252)	Bracket : PK5/PM6 Mounting Bracket		
Weight	Approx.20g	Approx.40g	

◆ Dimensions (unit:mm)

