

Mark detection Photoelectric Sensors

KP-E Series

- Detected Marks on transparent film, good performance and excellent stability.
- Plenty emission light sources with green light and red light for wide range application.
- Equipped with sensitivity adjuster, excellent sensitivity.

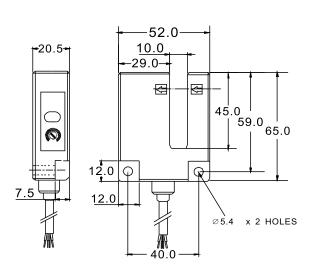


With Light ON and Dark ON two functions.

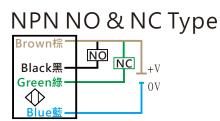
<u>Item</u>	<u>Specifications</u>			
Model	KP-EG01N	KP-EG01P	KP-ER01N	KP-ER01P
number	KI EGOIN	KI EUUII	KI EKOIN	KI EKUII
Light Source	Green Light		Red Light	
Sensing	1 Omm			
distance				
Switching	NPN	PNP	NPN	PNP
output	NO & NC	NO & NC	NO & NC	NO & NC
Standard				
sensing	Black Mark ≦3x3mm			
object				
Operating	DC 12~24V±10%			
voltage				
Response	<5ms			
time				
Load current	<100mA			
Sensitivity	Sensitivity adjuster			
adjustment				
Operation	Red LED			
indicator				
Circuits	Reversed polarity protection			
protection				
Enclosure	IEC IP65			
protection				

Ambient temperature & humidity range	Operating:-20 ~ 55°C / RH 35 ~85% (with no icing or condensation)	
Ambient illumination	Lamplight <3500 Lux / Sunlight <11000 Lux	
Housing material	Case: PBT / Lens: Acrylic	
Connecting method	Pre-wired 2M Cable	
Accessories	Screws、Adjustment screwdriver	

Dimension



Wiring Diagram



PNP NO & NC Type



#Design and specifications are subject to change without prior notice.