

KP-E Series

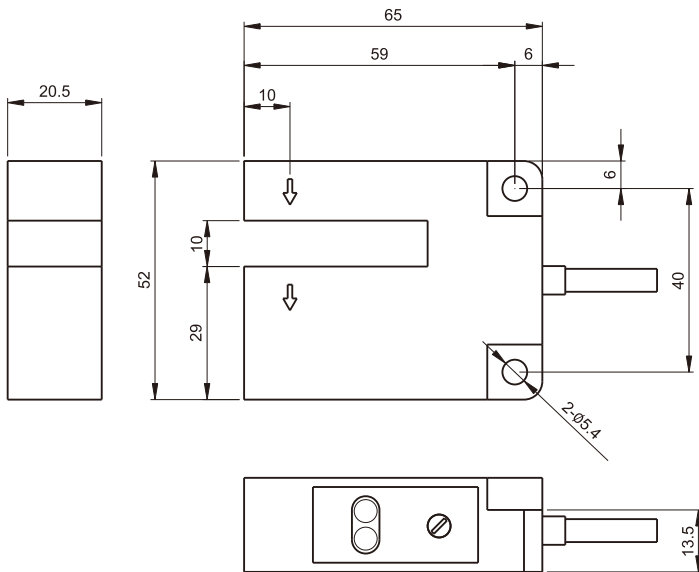
- ☪ Detected Marks on transparent film, good performance and excellent stability.
- ☪ Plenty emission light sources with green light and red light for wide range application.
- ☪ Equipped with sensitivity adjuster, excellent sensitivity.
- ☪ With Light ON and Dark ON two functions.



Item	Specifications			
Model number	KP-EG01N	KP-EG01P	KP-ER01N	KP-ER01P
Light Source	Green Light		Red Light	
Sensing distance	10mm			
Switching output	NPN NO & NC	PNP NO & NC	NPN NO & NC	PNP NO & NC
Standard sensing object	Black Mark $\leq 3 \times 3 \text{mm}$			
Operating voltage	DC 12~24V $\pm 10\%$			
Response time	< 5ms			
Load current	< 100mA			
Sensitivity adjustment	Sensitivity adjuster			
Operation indicator	Red LED			
Circuits protection	Reversed polarity protection			
Enclosure protection	IEC IP65			
Ambient temperature & humidity range	Operating : -20 ~ 55°C / RH 35 ~ 85% (with no icing or condensation)			

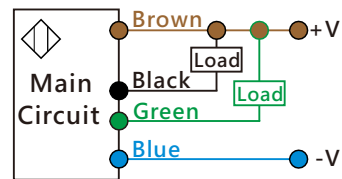
Ambient illumination	Lamplight < 3000 Lux / Sunlight < 10000 Lux
Housing material	Case : PBT / Lens : Acrylic
Connecting method	Pre-wired 2M Cable
Accessories	Screws · Adjustment screwdriver

Dimension



Wiring Diagram

NPN NO&NC Type



PNP NO&NC Type

