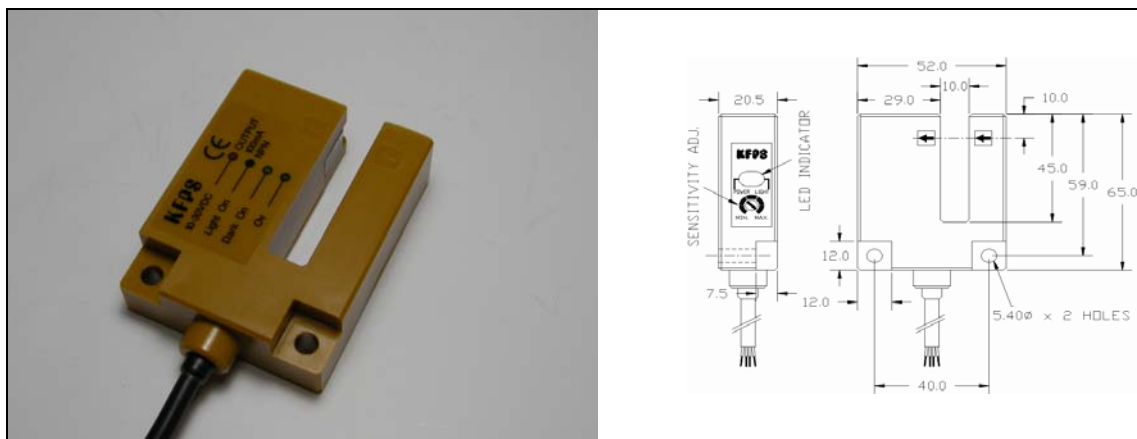


KP-E Series

- 👍 Grooved Photoelectric Mark Sensor with built-in amplifier.
- 👍 The Emitter and Light receiver are organized in the same sensor, hence there is no need to has axis alignment.
- 👍 Plenty emission light sources with green light and red light for wide application.
- 👍 Equipped with sensitivity adjuster, excellent sensitivity, short response time.
- 👍 Good sensitivity to detect overlap paper with excellent stability.



Model number	Switching output	Sensing method	Sensing distance	Light source
KP-EG-01N	NPN	Through-beam	10mm	Green LED
KP-EG-01P	PNP			
KP-ER-01N	NPN			Red LED
KP-ER-01P	PNP			

Item	Specifications
Operating voltage	DC 10~30V · ripple ≤ 10%
Control output	NPN NO & NC · PNP NO & NC
Response time	< 2ms
Load current	≤ 100mA
Sensitivity adjustment	Sensitivity adjuster
Operation indicator	Red LED
Enclosure protection	IEC IP62
Ambient temperature & humidity range	Operating : -20 ~ 55°C / RH 35 ~ 85% (with no icing or condensation)
Ambient illumination	Lamplight < 3000 Lux / Sunlight < 10000 Lux
Connecting method	Pre-wired 2M Cable
Housing material	Case : ABS / Lens : Acrylic
Accessories	Screws · Adjustment screwdriver