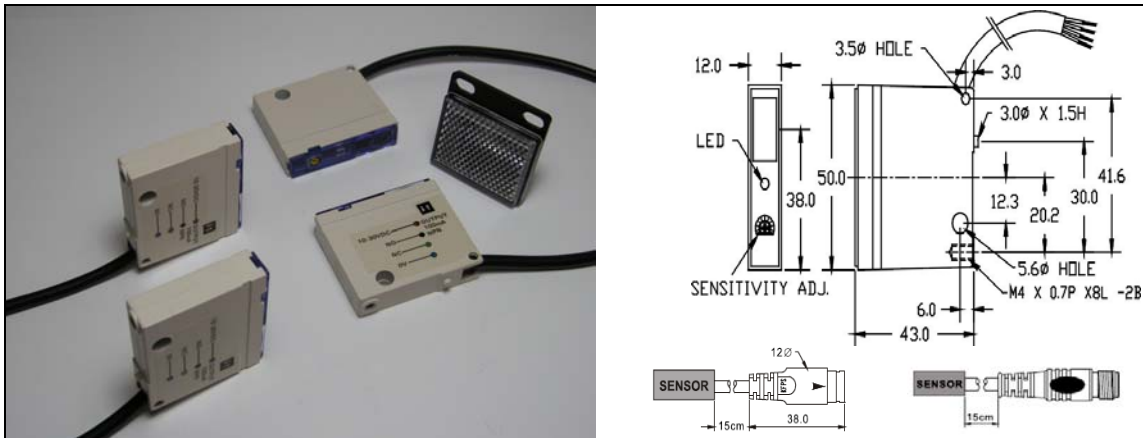


**KB Series**

- 👍 Robust Zinc alloy housing, excellent anti radiation noise interference .
- 👍 Able to detect transparent object.
- 👍 Thin body for horizontal installation, easy to detect thin object.
- 👍 With Light ON or Dark ON two function.
- 👍 Two types of output wiring: Quick connector or U- type connector.



Model number	Switching output	Sensing method	Sensing distance	Connecting method
KB-SP500N-C	NPN	Through-beam	5M	Cable with Quick connector
KB-SP500P-C	PNP			Cable with M12 plug
KB-SP500N-U	NPN			
KB-SP500P-U	PNP			
KB-SR100RN-C	NPN	Retro-reflective	50cm	Cable with Quick connector
KB-SR100RN-U				Cable with M12 plug
KB-CR30N-C	NPN	Diffuse-reflective	20cm	Cable with Quick connector
KB-CR30P-C	PNP			Cable with M12 plug
KB-CR30N-U	NPN			
KB-CR30P-U	PNP			

Item	Specifications
Operating voltage	DC 10~30V · ripple ≤10%
Control output	NPN NO& NC · PNP NO& NC
Response time	< 5ms
Load current	< 100mA
Sensitivity adjustment	Sensitivity adjuster
Light source	Infraed LED
Operation indicator	Red LED
Enclosure protection	IEC IP60

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 : Zinc Alloy Die Casting / Lens : Acrylic
Accessories	Mounting bracket · Screws · Adjustment screwdrive · Reflector(only for Retro-reflective)