

E25 Series

Slot-Type Sensor

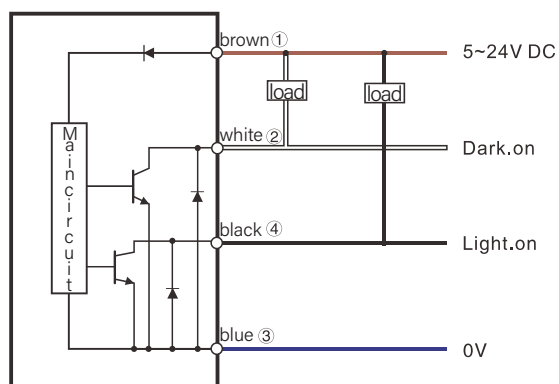
Product features

- The device has two independent outputs: All models have two independent outputs. ON when light is on and ON when light is off. It can meet different output requirements according to different places of use.
- Easy connection.
- Wire lead: 2M flexible wire is standard, the wire length can be customized, and the bending-resistant drag chain wire-GR is optional, and the black open and white normally normally closed-M are optional.
- Wide voltage range: 5-24VDC..
- High-speed response: the response frequency is 3KHZ.

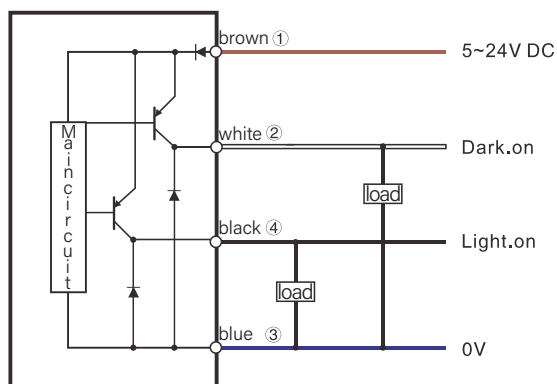


Wire connection






NPN type



PNP type

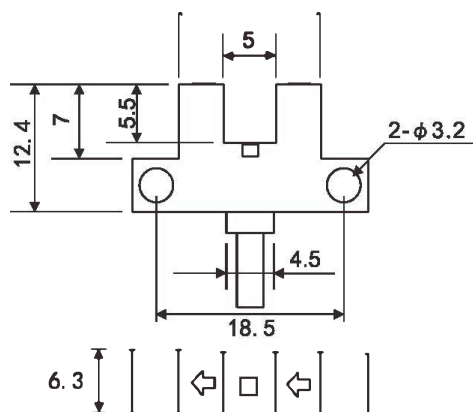


Product parameters

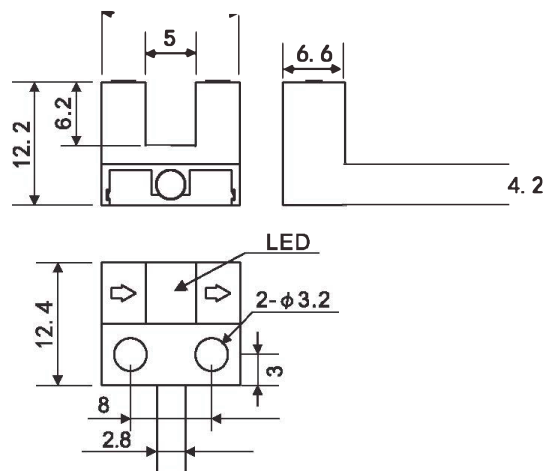
Shape					
Model	K Type	L Type	F Type	R Type	U Type
Detection distance	5mm(slot width)				
Criterion detection object	> 0.8 * 1.2mm opaque object				
Repeat Precision	< 0.03mm				
Output mode	NPN or PNP open collector				
Switch mode	L.on(Light entry action)/D.on(Light blocking action)Switchable				
Indicator lights	When an object is detected, the light goes off, and when there is no object, the light turns on				
Response frequency	3 KHz				
Light source	Infrared light				
Power supply	5~24V DC				
Residual voltage	< 1V (When the load current is 100mA)				
Consumption current	≤ 8mA				
Protective circuit	Surge protection, reverse polarity protection				
Ambient luminance	Light receiving surface illumination, incandescent lamp: < 1000lux				
Ambient temperature	During work: -25°C~+55°C When saving: -30°C~+80°C, Cndensation-free				
Ambient humidity	During work: 5%~85% When saving: 5%~9%, Cndensation-free				
Withstand voltage	AC, 1000V for 1 minute, between all power connection terminals and the casing				
Vibration resistance	10~55Hz, amplitude 1.5mm, 2 hours each in X, Y, Z directions				
Insulation resistance	Between all power connection terminals and the casing, Above 20M Ω (based on DC250V)				
Enclosure rating	IP50				
Enclosure material	PC				
Wiring method	2M4-core cable				
Model NPN	EK25NJ	EL25NJ	EF25NJ	ER25NJ	EU25NJ
Model PNP	EK25PJ	EL25PJ	EF25PJ	ER25PJ	EU25PJ

Product size

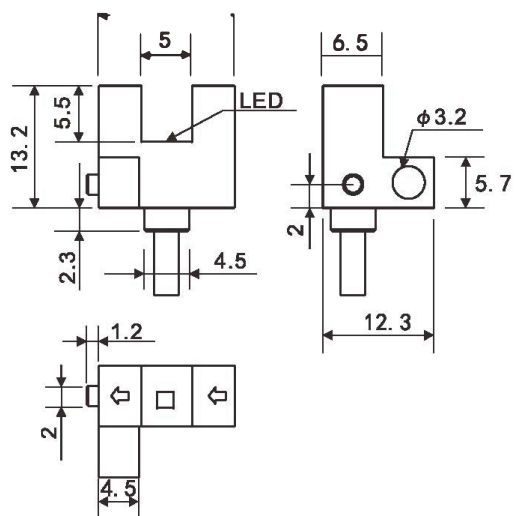
EK25J



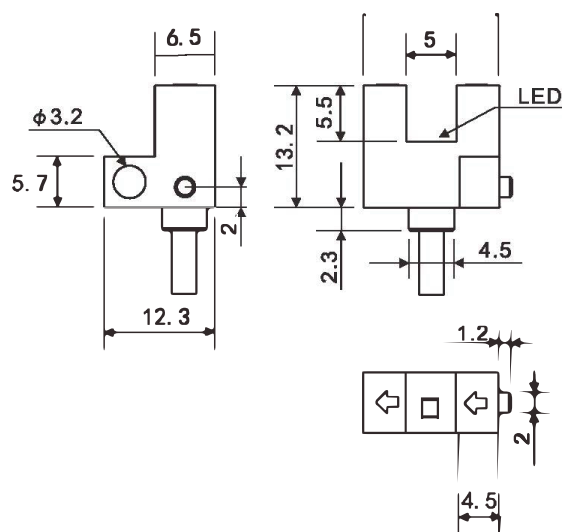
EL25J



EF25J



ER25J



EU25J

