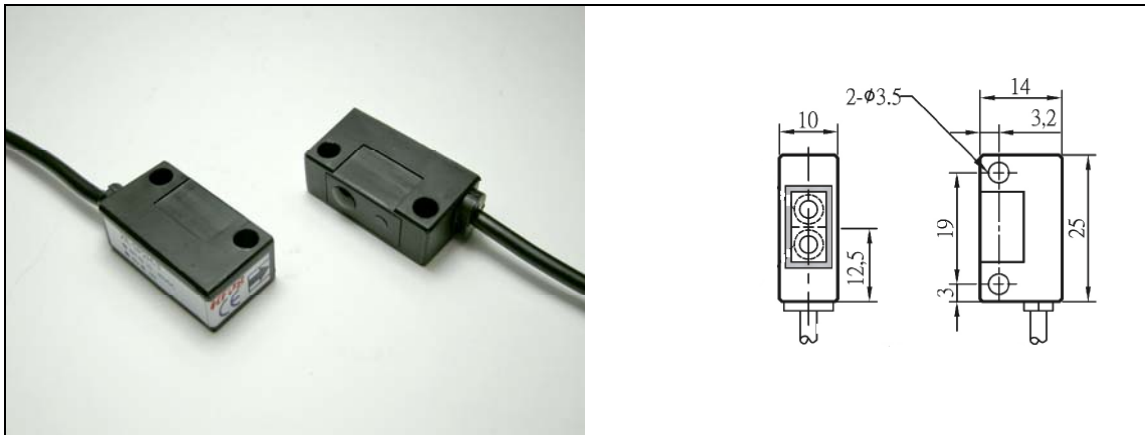# *XE-SP Series*

- ☝ For tiny object detection.
- ☝ Low cost, tiny and with built-in amplifier.
- ☝ Excellent stability with perfect anti interference: anti invert frequency, anti electric noise (high frequency florescent light), anti electromagnetic wave, anti sunlight..etc.
- ☝ With Light ON or Dark ON function.
- ☝ Versatile Detection distance.

Model number	Switching output	Sensing distance	Sensing method	Operating voltage
XE-SP2MNE1	NPN NO	290cm	Through-beam	DC 12~24V ripple≦10%
XE-SP50MNE1		50cm		
XE-SP2MNE2	NPN NC	290cm		
XE-SP50MNE2		50cm		
XE-SP2MPE1	PNP NO	290cm		
XE-SP50MPE1		50cm		
XE-SP2MPE2	PNP NC	290cm		
XE-SP50MPE2		50cm		

Item	Specifications
Control output	NPN NO、NPN NC、PNP NO、PNP NC
Response time	＜5ms
Load current	＜100mA
Light source	Infraed LED
Operation indicator	Red LED
Circuits protection	Reversed polarity & Short circuit protection
Enclosure protection	IEC IP65
Ambient temperature & humidity range	Operating：-20～55℃ / 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	Mounting bracket、Screws