

U-shape Photo Sensor

SU30

◆ Characteristic :

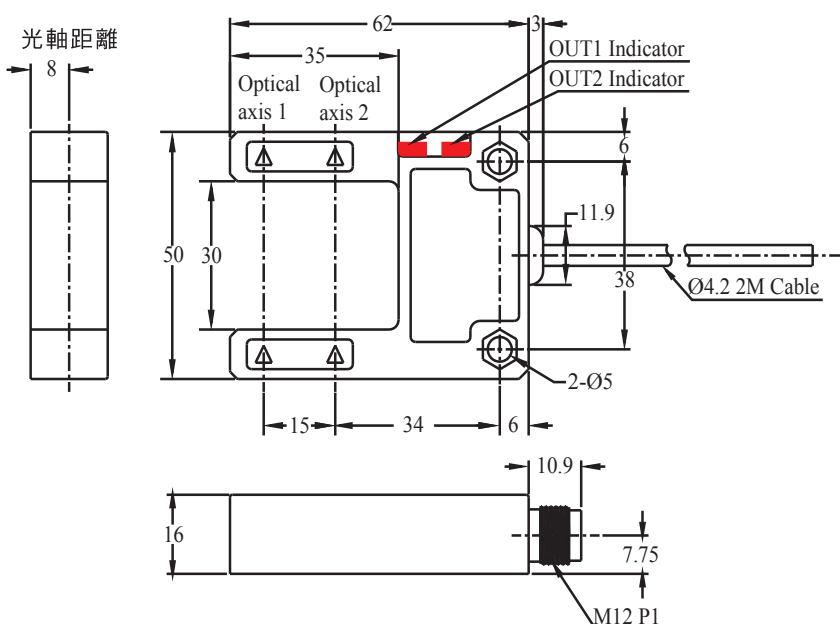
- Two indicators (OUT1 Indicator/OUT2 Indicator). Easy to recognize.
- The distance is 7mm between front edge and first optic axis. The distance is 15mm between two optic axes.
- Two optic axes react respectively.



◆ Specifications :

Model	NPN D.on	SU30-2N	SU30-2NK1
	PNP D.on	SU30-2P	SU30-2PK1
Sensing distance		30 mm	
Min. detection object		Opaque (Ø1.0 x 10.0mm)	
Emitting light		Infrared LED 940 nm	
Operating voltage		DC12 ~ 24 V	
Current Consumption		30 mA Max.	
Load current		100mA Max. at DC24V	
Response time		1 ms Max.	
Ambient illumination		Incandescent light : 1,000 lux max.	
Insulation resistance		20MΩ min. (DC500V)	
Voltage withstandability		AC500V 60Hz for 60 Sec.	
Operating temperature		-20°C ~ + 60°C	
Ambient humidity		35% ~ 85% RH	
Protection degree		IP64	
Vibration resistance		1.5 mm peak to peak amplitude, 10 to 55 Hz, 2 hours in X,Y and z directions	
Shock resistance		50 G repeated 10 times each in X,Y and Z directions	
Material		PC	
Wiring method		Pre-wired Ø4.2 x 2 M / 4-wires	M12 Plug-in connector type
Weight		Approx.86g	Approx.26g

◆ Dimensions : (unit:mm)



◆ Wiring diagrams

