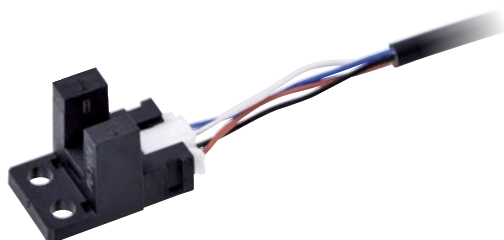


PU-Y974 series

SLOT-TYPE PHOTOMICROSENSOR



Mindman



Order example

PU — Y974 P — ☐

MODEL

SWITCH TYPE

Blank: NPN
P: PNP

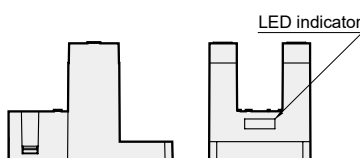
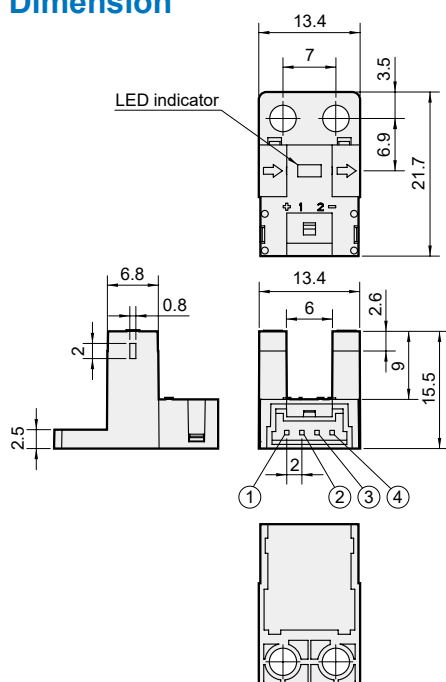
WIRE LENGTH

Blank: Without
2M: L=2000mm

Assembling style

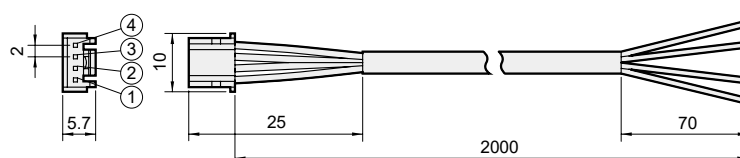
Actuator type	Mounting
METG2	

Dimension



①	Brown	8~24V DC
②	Black	Output 1 (NC)
③	White	Output 2 (NO)
④	Blue	GND (0V)

Wire



Specification

Model	PU-Y974	PU-Y974P
Detection distance	6 mm (slot width)	
Standard detection object	Opaque objects larger than 2×0.8 mm	
Sensing distance	≤ 0.025 mm	
Contact type	NPN	PNP
Switch mode	Switchable between L.on (Light ON mode) and D.on (Dark ON mode)	
Indicator light	When an object is detected, the light turns off; when no object is present, the light remains on	
Response frequency	2KHz	
Light source	Infrared LED	
Operating voltage	5~24 VDC±10%, ripple (p-p) less than 10%	
Residual voltage	1V or below (at a load current of 50mA)	
Current consumption	≤15 mA	
Protection circuit	Reverse power protection	
Ambient light intensity	Illuminance on the receiving surface: Below 1000 lux	
Ambient temperature	Operating: -25~+55°C, Storage: -30~+80°C (No condensation and freezing)	
Ambient humidity	Operating: 5~85%RH, Storage: 5~95%RH (No condensation and freezing)	
Vibration resistance	10~2000 Hz, single amplitude 0.75mm, X, Y, and Z directions, Scan time: 15 minutes, Scan times: 10 times	
Degree of protection	IP50	
Case material	ABS	
Wiring method	Connector	
Wight	3 g	
Connect diagram		

* Caution for safety