

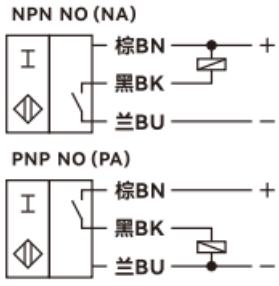
Order No.:

CM-TM2R-N

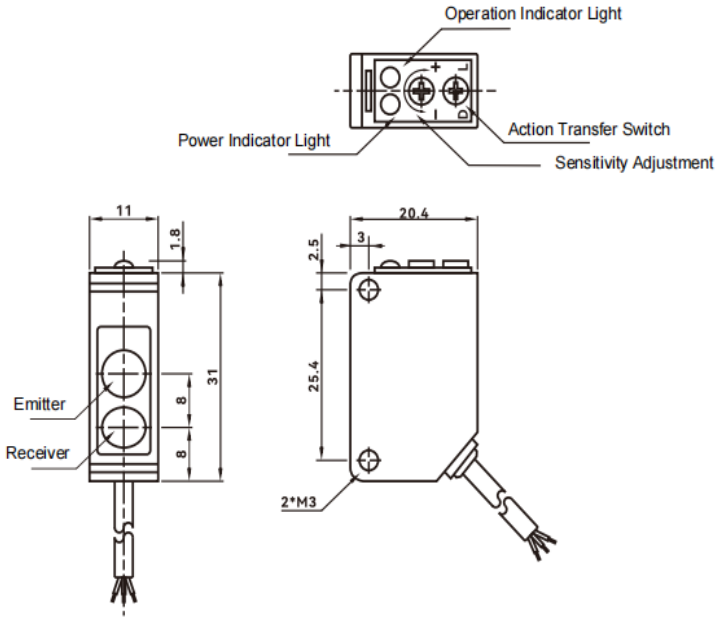
Features

- High quality and reliability; utilizes ASIC technology for rapid response and high frequency operation.
- Small laser spot size ensures stable detection.
- Strong anti-interference performance
- Reliably detects transparent and opaque objects.

Wiring



Overall dimension



Technical Parameters

General description	
Switch point function	NPN
Rated operating distance Sn	＜2m
Detecting method	Retroreflection
Standard detecting object	Transparent and Opaque Objects above φ20mm
Rated grade	
Rated voltage UB	12...24VDC
Voltage drop Ud	<2.0V;
Response time	<1ms
Circuit protection	Reverse polarity protection、Short-circuit protection
Switching state indication	Power indicator light:Green;Operation indicator light:Orange
Working current	<100mA
Surrounding environment	
Ambient temperature	-25℃...55℃ (No icing, no condensation)
Ambient Illuminance	Sunlight:10000Lx, incandescent light:3000Lx
Ambient humidity	35...95%RH no condensation
Mechanical properties	
Wiring	2m standard cable
Shell material	ABS
Sensing surface	Optical PMMA
Protection level	IP65
Withstand Voltage	500V AC, 50/60Hz 1 minute between the whole charging part and the shell
Insulation resistance	≥20 MΩ (DC 500 V with a megohmmeter) between the whole charging part and the shell
Vibration resistance	10～55 Hz, complex amplitude 1.5mm, 2H in X, Y and Z directions
Certification and standards	
Certificates	ISO9001 ISO14001;ISO45001
Unit weightt	75g

Accessory

Screwdriver, mounting bracket

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