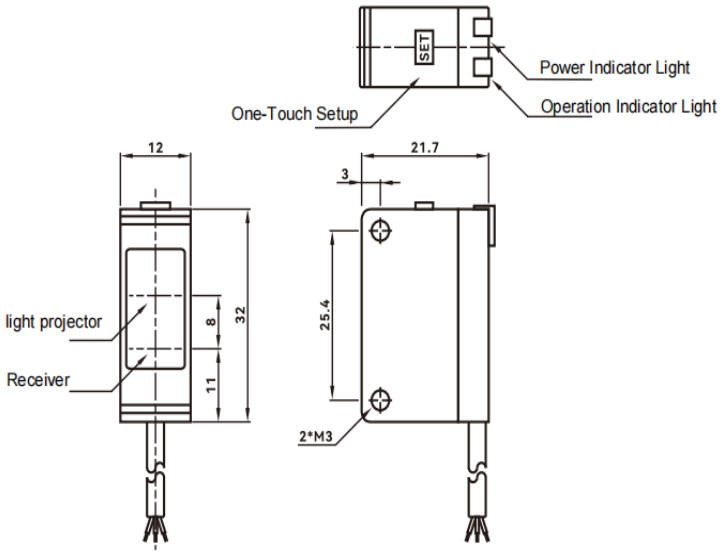


Order No.:

CM-G6-N-JG20

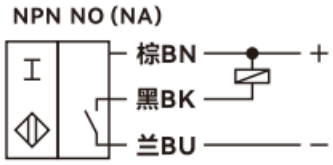
Overall dimension



Features

- High quality and reliability; utilizes ASIC technology for rapid response and high frequency operation.
- Long strip light, stable detection
- Prevent mutual interference function
- One click setting function, easy to debug

Wiring



Technical Parameters

General description	
Switch point function	NPN
Rated operating distance Sn	10mm
Detecting method	Color change detection
Spot size	Laser 1.5mm
Rated grade	
Rated voltage UB	12...24VDC
Voltage drop Ud	<2.0V
Response time	<45ms
Circuit protection	Reverse polarity protection、Short-circuit protection
Switching state indication	Power indicator light: Green; Operation indicator light: Orange
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	CE CCC CQC ISO9001 ISO14001 ISO45001
Unit Weight	About 62g

Accessory

Screwdriver, mounting bracket

The datasheet is subject to change without notice.
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