

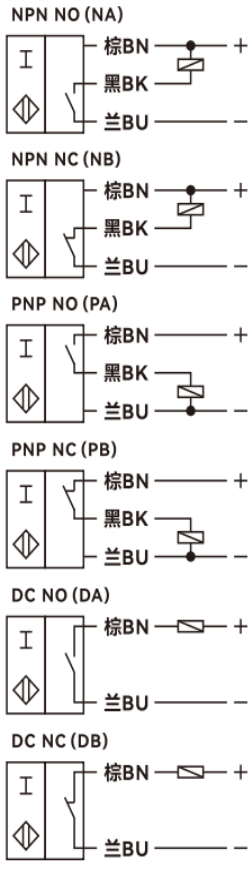
## Order No.:

CJMA1.5-8M-NA
CJMA1.5-8M-NB
CJMA1.5-8M-PA
CJMA1.5-8M-PB
CJMA1.5-8M-DA
CJMA1.5-8M-DB

## Features

- Special optical design on the product's back cover, providing 360° visible indicator lights.
- Dedicated IC, stable ultra-long detection distance, and strong anti-interference capabilities.
- Uses durable, oil-resistant cables.
- Detection surface made of oil-resistant, corrosion-resistant material, offering strong environmental resistance.

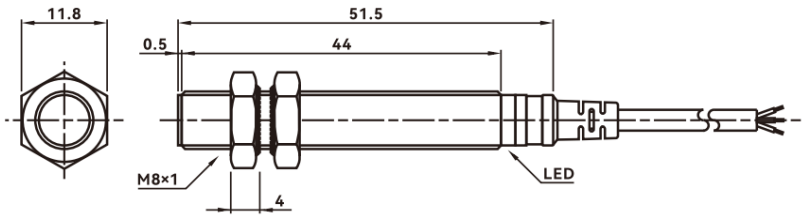
## Wiring




## Accessory

Serrated Flange Nuts *2

## Overall dimension




## Technical Parameters

| | |
|---|---|
| **General description** | |
| Switch point function | NPN 、PNP、D |
| Rated operating distance Sn | 1.5mm |
| Installation | Flush mounting |
| Standard detector | 8*8*1t(Q253A) |
| Reliable operating distance Sa | 0...1.2mm |
| **Rated grade** | |
| Rated voltage UB | DC10...30V(Including fluctuation (p-p) 10% |
| Switching frequency f | 1.5KHz |
| Hysteresis range | ≤ 15% of sensing distance |
| Repeatability | <3% of detection distance |
| No load current Io | <12mA |
| Voltage drop Ud | NPN/PNP:<2V； DC two-wire<4V |
| Working current IL | ＜200mA |
| Leakage current | ＜100uA |
| Circuit protection | Reverse polarity protection, short-circuit protection |
| Switching state indication | Red LED indicator |
| **Surrounding environment** | |
| Ambient temperature | -25℃...70℃ (No icing,no condensation) |
| Temperature effect | -Within 25 ℃... 70 ℃, within 15% of detection distance at+24 ℃ |
| Ambient humidity | 35...95%RH (No condensation) |
| Influence of voltage | <3% |
| **Mechanical properties** | |
| Wiring | 2m standard cable |
| Shell material | Brass plated with pearl nickel |
| Sensing surface | PBT |
| Protection level | IP67 |
| Withstand Voltage | AC 500V , 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** | |
| Product certification | CE CCC CQC ISO9001 ISO14001 ISO45001 |
| Unit weight | About 35g |

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