

CE CQC ISO9001

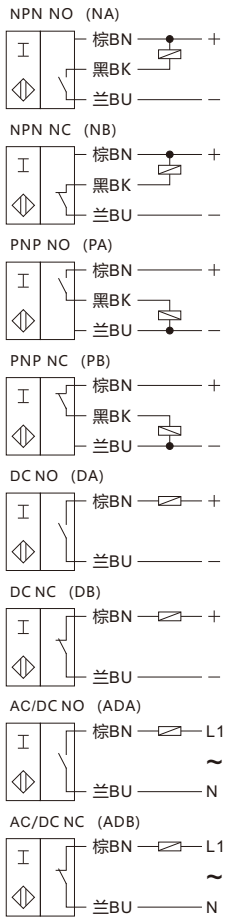
## Order No.:

CJUG15-30M-NA-120℃
CJUG15-30M-NB-120℃
CJUG15-30M-PA-120℃
CJUG15-30M-PB-120℃
CJUG15-30M-DA-120℃
CJUG15-30M-DB-120℃
CJUG15-30M-ADA-120℃
CJUG15-30M-ADB-120℃

## Features

- Plug in dedicated IC, stable ultra long detection distance, strong anti-interference ability.
- Using high-temperature silicone wire.
- High-temperature resistant sensing face for excellent environmental durability.

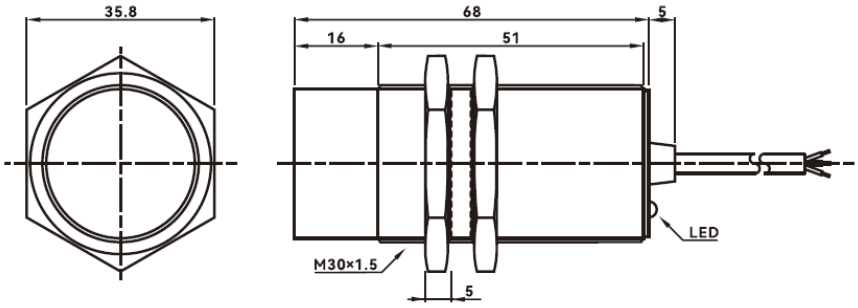
## Wiring




## Accessory

Toothed nut*2

## Overall dimension




## Technical Parameters

| | |
|---|---|
| **General description** | |
| Switch point function | NPN 、PNP 、D、AD |
| Rated operating distance Sn | 15mm |
| Installation | Non-flush mounting |
| Standard detector | 45*45*1t(Q253A) |
| Reliable operating distance | 0...12mm |
| **Rated grade** | |
| Rated voltage $U_B$ | NPN/PNP/D :DC:10...30V , AD:AC/DC:24-250V |
| Switching frequency f | NPN/PNP/D:0.1KHz , AD:40Hz |
| Hysteresis range | ≤15% of detection distance |
| Repeatability | <3% of detection distance |
| No load current Io | <12mA |
| Voltage drop Ud | NPN/PNP:<2V, D:<3V , AD:<6V |
| Working current | NPN/PNP:<200mA , D:<100mA , AD:<300mA |
| Leakage current | ＜100uA |
| Circuit protection | Reverse polarity protection、Short-circuit protection、Surge absorption |
| Switch status indication | Red LED indicator light |
| **Surrounding environment** | |
| Environment temperature | -25℃...120℃ (No icing, no condensation) |
| Temperature effect | -Within -25 ℃... 120 ℃, within 20% 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 | 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** | |
| Product certification | CE CCC CQC ISO9001 ISO14001 ISO45001 |
| Unit weight | About 205g |

The datasheet is subject to change without notice.
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