

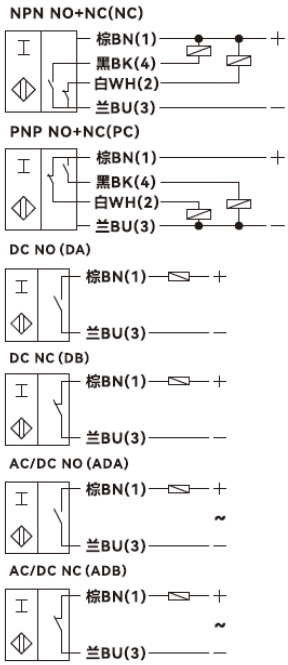
## Order No.:

CJUB50-80Q-NC
CJUB50-80Q-PC
CJUB50-80Q-DA
CJUB50-80Q-DB
CJUB50-80Q-ADA
CJUB50-80Q-ADB

## Features

- Dedicated circuit, stable detection distance, strong anti-interference
- Use fold-resistant, oil-resistant cables.

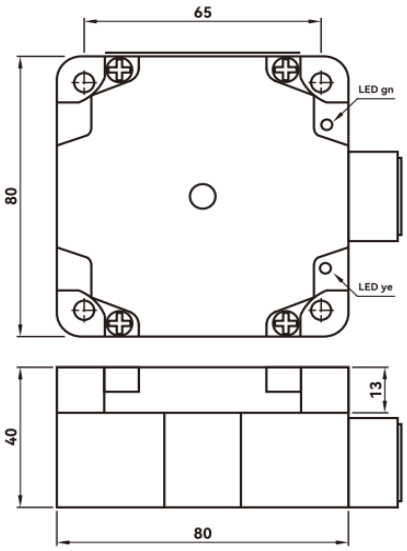
## Wiring




## Accessory

Screw*4sets

## Overall dimension




## Technical Parameters

| | |
|---|---|
| **General description** | |
| Switch point function | NPN、PNP 、G DG |
| Rated operating distance Sn | 80mm |
| Installation | Non-flush mounting |
| Standard detector | 100*100*1t(Q253A) |
| Reliable operating distance Sa | 0...40mm |
| **Rated grade** | |
| Rated voltage UB | NPN/PNP/D :DC:10...30VDC , AD:AC/DC:24-250V |
| Switching frequency f | NPN/PNP/D:0.1kHz , AD:40Hz |
| Hysteresis range | ≤ 15% of sensing distance |
| Repeatability | <3% of detection distance |
| No load current Io | <12mA |
| Leakage current Ir | 0...100uA |
| Voltage drop Ud | NPN/PNP/D:<2.0V, D:<3.0V, AD:<6V |
| Working current IL | NPN/PNP:<200mA, D:<100mA, AD:<300mA |
| Circuit protection | Reverse polarity protection、Short-circuit protection , surge absorption |
| Switching state indication | Red LED indicator |
| **Surrounding environment** | |
| Ambient temperature | -25℃...70℃ (No icing, no condensation) |
| Temperature effect | -25 ℃... 70 ℃, within 15% of detection distance at+24 ℃ |
| Ambient humidity | 35...95%RH(No condensation) |
| Influence of voltage | <3% |
| **Mechanical properties** | |
| Wiring | Terminal blocks |
| Shell material | PBT |
| Sensing surface | PBT |
| Protection level | IP66 |
| 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 430g |

The datasheet is subject to change without notice.
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