

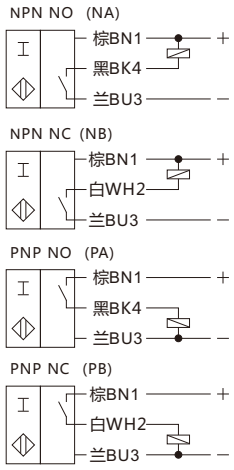
## Order No.:

CJMY2-12M-NAH-53
CJMY2-12M-NBH-53
CJMY2-12M-PAH-53
CJMY2-12M-PBH-53

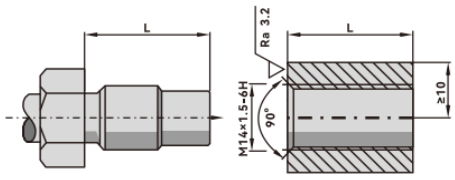
## Features

- Dedicated IC, stable detection distance, strong anti-interference ability.
- The detection surface is made of speciality Nylon, which is durable and long-lasting.
- Position feedback for hydraulic cylinders.
- Pressure resistance up to 500 bar.

## Wiring



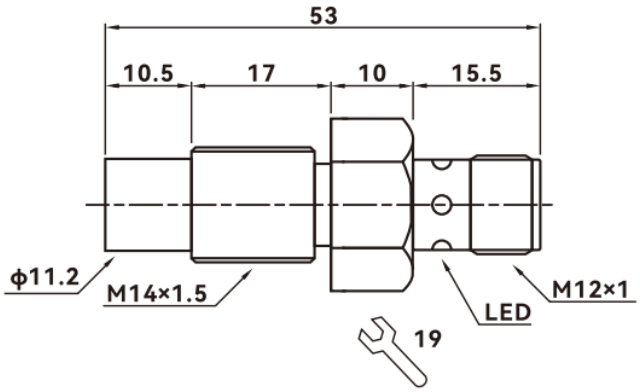

## Installation method




## Accessory

O- ring*1

## Overall dimension




## Technical Parameters

| | |
|---|---|
| **General description** | |
| Switch point function | NPN 、PNP |
| Rated operating distance Sn | 2.0mm |
| Installation | Flush mounting |
| Standard detector | 12*12*1t(Q253A) |
| Reliable measurement distance Sa | 0...1.6mm |
| **Rated grade** | |
| Rated voltage $U_B$ | DC:10...30V |
| Switching frequency f | 1KHz |
| Hysteresis range | ≤ 15% of sensing distance |
| Repeatability | <3% of detection distance |
| No load current Io | <12mA |
| Voltage drop Ud | <2V |
| Working current IL | <200mA |
| Leakage current Ir | 0...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 | Connector |
| Shell material | Stainless steel |
| Sensing surface | Specialty Nylon |
| Protection level | IP68 |
| 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 |
| Compressive strength [bar] | 500 |
| Peak pressure [bar] | 1000 |
| Minimum blasting pressure [bar] | 2000 |
| Tightening torque [Nm] | <15 |
| **Certification and Standards** | |
| Product certification | CE CCC CQC ISO9001 ISO14001 ISO45001 |
| Weight | About 43g |

The datasheet is subject to change without notice.
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