

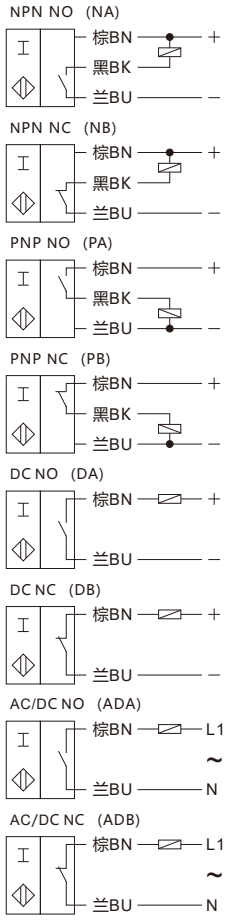
Order No.:

CJUB8-12MN-NA
CJUB8-12MN-NB
CJUB8-12MN-PA
CJUB8-12MN-PB
CJUB8-12MN-DA
CJUB8-12MN-DB
CJUB8-12MN-ADA
CJUB8-12MN-ADB

Features

- Dedicated IC, stable ultra-long detection distance, strong anti-interference ability
- The casing is made of Teflon material, offering strong corrosion resistance.

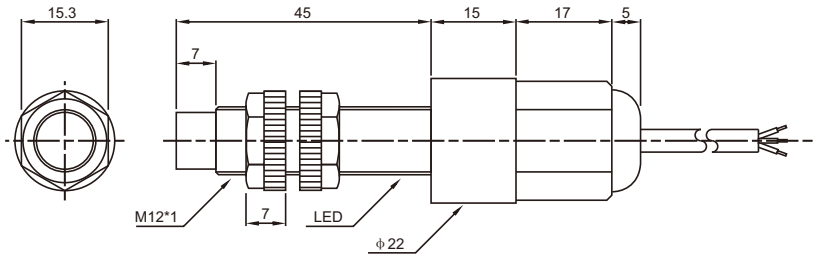
Wiring



Accessory

Screw*1Set

Overall dimension



Technical Parameters

General description	
Switch point function	NPN 、PNP 、D、AD
Rated operating distance Sn	8mm
Installation	Non-Flush mounting
Standard detector	18*18*1t(Q253A)
Reliable operating distance Sa	0...6.4mm
Rated grade	
Rated voltage U_B	NPN/PNP/D: DC:10...30VDC , AD:AC/DC:24-250V
Switching frequency f	NPN/PNP/D: 0.8KHz , AD:40Hz
Hysteresis range	≤ 15% of sensing distance
Repeatability	<3% of detection distance
No load current Io	<15mA
Voltage drop Ud	NPN/PNP/D:<2.5V, D:<3.5V , AD:<10V
Working current IL	NPN/PNP:<200mA , D:<100mA , AD:<300mA
Leakage current Ir	0...100uA
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	-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	Teflon
Sensing surface	Teflon
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
Certification and Standards	
Product certification	CE CCC CQC ISO9001 ISO14001 ISO45001
Unit Weight	About 65g

The datasheet is subject to change without notice.

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