



Order No.:

CJUB4-8M-NAH
CJUB4-8M-NBH
CJUB4-8M-PAH
CJUB4-8M-PBH
CJUB4-8M-DAH
CJUB4-8M-DBH

Features

- Special optical design on the back cover of the product, 360° around the visible indicator light.
- Dedicated IC, stable ultra-long detection distance, strong anti-interference.
- The detection surface is made of oil-resistant and corrosion-resistant materials, with superior environmental resistance.

Wiring

NPN NO (NA)



NPN NC (NB)



PNP NO (PA)



PNP NC (PB)



DC NO (DA)



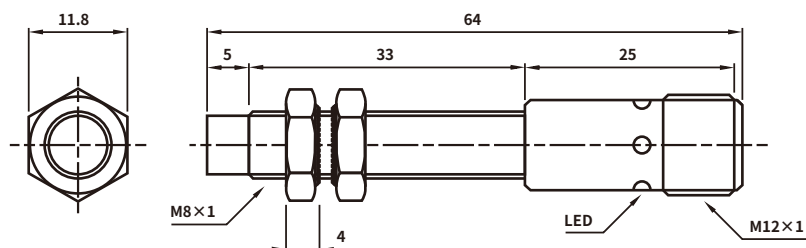
DC NC (DB)



Accessory

Toothed nut *2

Overall dimension



Technical Parameters

General description

Switch point function	NPN, PNP, D
Rated operating distance Sn	4mm
Installation	Non-flush mounting
Standard detector	12*12*1t(Q253A)
Reliable operating distance Sa	0...3.2mm

Rated grade

Rated voltage Ub	DC 10...30VDC (Including fluctuation (p-p) 10%)
Switching frequency f	1.0KHz
Hysteresis range	15% of detection distance
Repeatability	<3% of detection distance
No load current Io	<12mA
Voltage drop Ud	NPN/PNP: <2V, DC two wire: <3V
Working current IL	<200mA
Leakage current Ir	<100uA
Circuit protection	Reverse polarity protection, short-circuit protection
Switch state indication	Red LED indicator

Surrounding environment

Ambient temperature	-25°C...70°C (No icing, no condensation)
Temperature effect	-Within 25 °C... 70 °C, within 15% of detection distance at +24 °C
Ambient humidity	35...95%RH(No condensation)
Influence of voltage	<3%

Mechanical properties

Wiring	Connector
Shell material	Brass plated with nickel pearl
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 18g