



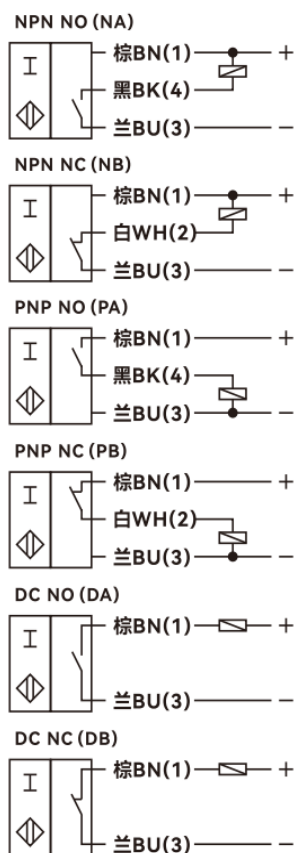
Order No.:

CJMD3-8M-NAH
CJMD3-8M-NBH
CJMD3-8M-PAH
CJMD3-8M-PBH
CJMD3-8M-DAH
CJMD3-8M-DBH

Features

- Special optical design on the product's back cover, providing 360° visible indicator lights.
- Dedicated IC, stable ultra-long detection distance, and strong anti-interference capabilities.
- Detection surface made of oil-resistant, corrosion-resistant material, offering strong environmental resistance.

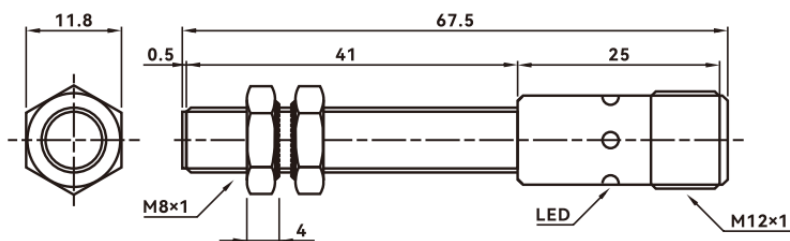
Wiring



Accessory

Serrated Flange Nuts *2

Overall dimension



Technical Parameters

General description

Switch point function	NPN、PNP、D
Rated operating distance Sn	3mm
Installation	Flush mounting
Standard detector	12*12*1t(Q253A)
Reliable operating distance Sa	0...2.1mm

Rated grade

Rated voltage U_B	DC10...30V(Including fluctuation (p-p) 10%)
Switching frequency f	1.0KHz
Hysteresis range	$\leq 15\%$ of sensing distance
Repeatability	$<3\%$ of detection distance
No load current I_0	$<12\text{mA}$
Voltage drop U_d	NPN/PNP: $<2\text{V}$; DC two-wire $<4\text{V}$
Working current I_L	$<200\text{mA}$
Leakage current	$<100\mu\text{A}$
Circuit protection	Reverse polarity protection, short-circuit protection
Switching 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	Plug-in Type
Shell material	Brass plated with pearl nickel
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 22g