



Order No.:

CJMB8-18M-NA
CJMB8-18M-NB
CJMB8-18M-PA
CJMB8-18M-PB
CJMB8-18M-DA
CJMB8-18M-DB
CJMB8-18M-ADA
CJMB8-18M-ADB

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.
- Uses durable, oil-resistant cables.
- Detection surface made of oil-resistant, corrosion-resistant material, offering strong environmental resistance.

Wiring

NPN NO (NA)



NPN NC (NB)



PNP NO (PA)



PNP NC (PB)



DC NO (DA)



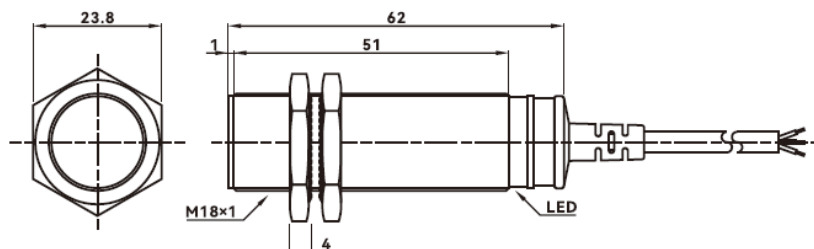
DC NC (DB)



Accessory

Toothed nuts *2

Overall dimension



Technical Parameters

General description

Switch point function	NPN、PNP、D、AD
Rated operating distance S_n	8mm
Installation	Flush mounting
Standard detector	18*18*1t(Q253A)
Reliable operating distance S_a	0...6.4mm

Rated grade

Rated voltage U_b	NPN/PNP/D: DC10-30V, AC/DC: 24-250V
Switching frequency f	NPN/PNP/D: 0.5KHz, AC/DC: 40Hz
Hysteresis range	Within 15% of the detection distance
Repeatability	<3% of detection distance
No load current I_o	<12mA
Voltage drop U_d	NPN/PNP: <2V; DC two-wire: <3V; AC/DC: 6V
Working current I_L	NPN/PNP: <200mA, DC two-wire: <100mA, AC/DC: <300mA
Leakage current I_r	<100uA
Circuit protection	Reverse polarity protection, short-circuit protection, surge absorption
Switching state indication	Red LED indicator

Surrounding environment

Ambient temperature	-25°C...70°C (No ice or 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	2m standard cable
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 115g