

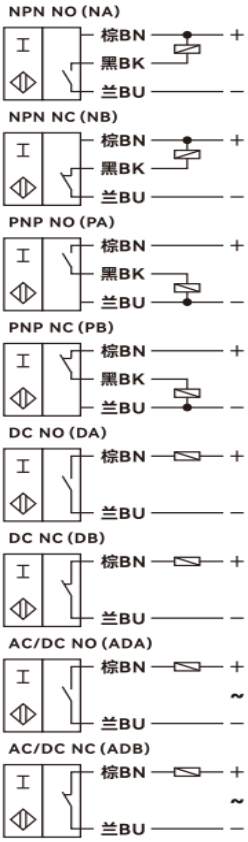
Order No.:

CJMD12-18M-NA
CJMD12-18M-NB
CJMD12-18M-PA
CJMD12-18M-PB
CJMD12-18M-DA
CJMD12-18M-DB
CJMD12-18M-ADA
CJMD12-18M-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.

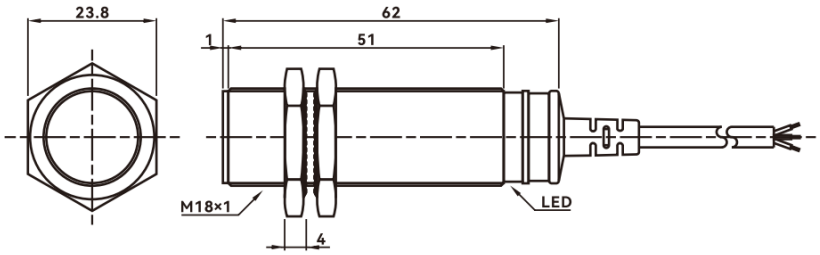
Wiring



Accessory

Serrated Flange Nuts *2

Overall dimension



Technical Parameters

General description	
Switch point function	NPN 、PNP、D、AD
Rated operating distance Sn	12mm
Installation	Flush mounting
Standard detector	27*27*1t(Q253A)
Reliable operating distance Sa	0...9.6mm
Rated grade	
Rated voltage UB	DC10...30V(Including fluctuation (p-p) 10%
Switching frequency f	0.3KHz
Hysteresis range	≤ 15% of sensing distance
Repeatability	<3% of detection distance
No load current Io	<12mA
Voltage drop Ud	NPN/PNP:<2V； DC two-wire<4V
Working current IL	＜200mA
Leakage current	＜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	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

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