



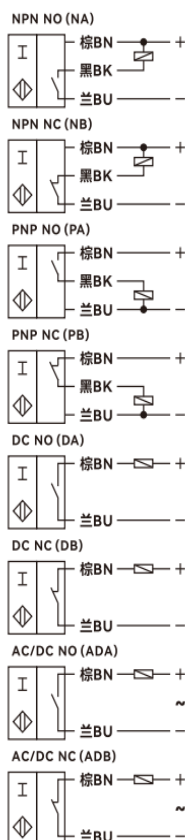
Order No.:

CJMU20-18M-NA
CJMD20-18M-NB
CJMD20-18M-PA
CJMD20-18M-PB
CJMD20-18M-DA
CJMD20-18M-DB
CJMD20-18M-ADA
CJMD20-18M-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.

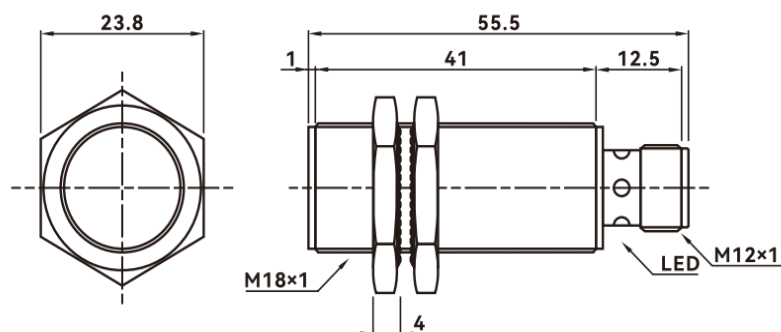
Wiring



Accessory

Serrated Flange Nuts *2

Overall dimension



Technical Parameters

General description

Switch point function	NPN、PNP、D、AD
Rated operating distance Sn	20mm
Installation	Non Flush mounting
Standard detector	54*54*1t(Q253A)
Reliable operating distance Sa	0...16mm

Rated grade

Rated voltage U_B	DC10...30V(Including fluctuation (p-p) 10%)
Switching frequency f	0.15KHz
Hysteresis range	≤ 15% of sensing distance
Repeatability	<3% of detection distance
No load current I_o	<12mA
Voltage drop U_d	NPN/PNP:<2V; DC two-wire<4V
Working current I_L	<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 11.0 g