

CE CQC ISO9001

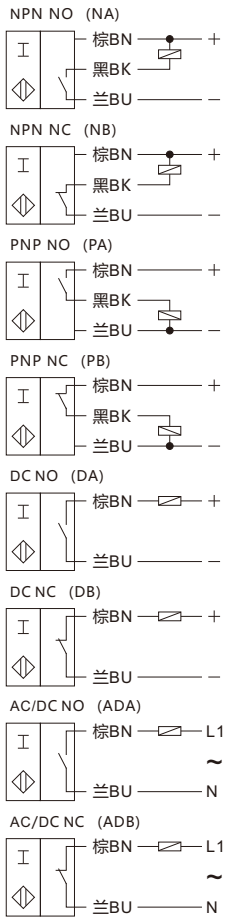
Order No.:

CJUL8-18M-NA-F60℃
CJUL8-18M-NB-F60℃
CJUL8-18M-PA-F60℃
CJUL8-18M-PB-F60℃
CJUL8-18M-DA-F60℃
CJUL8-18M-DB-F60℃
CJUL8-18M-ADA-F60℃
CJUL8-18M-ADB-F60℃

Features

- Application-specific IC with reliable detection down to -60°C and high noise immunity.
- Using low-temperature silicone wire.
- The sensing surface is made of low-temperature resistant material, offering excellent environmental durability.

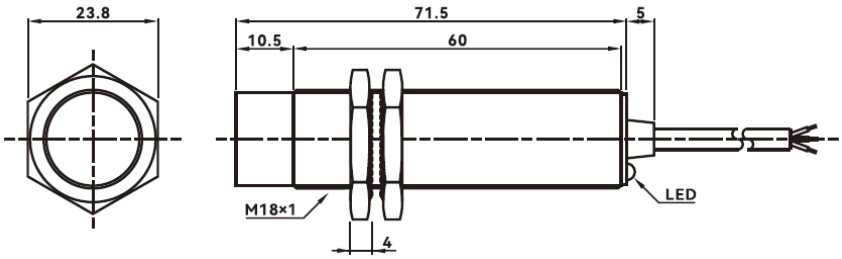
Wiring



Accessory

Toothed nut*2

Overall dimension



Technical Parameters

General description	
Switch point function	QSQ SQS G DG
Rated operating distance Vq	8 p p
Lqvwdoodwl r q	Q r q0Flush mounting
Standard detector	27-27-4W+T586D,
Reliable operating distance	3111.6.4mm
Rated grade	
Rated voltage XE	NPN/PNP/D :DC:10...30V, AD:AC/DC:24-250V
Switching frequency f	NPN/PNP/D:0.4KHz , AD:40Hz
Hysteresis range	<15% of detection distance
Repeatability	<3% of detection distance
No load current Io	<12mA
Voltage drop Xg	NPN/PNP:<2V, D:<3V , AD:<6V
Working current	NPN/PNP:<200mA , D:<100mA , AD:<300mA
Leakage current	<100uA
Circuit protection	Reverse polarity protection、Short-circuit protection、Surge absorption
Switching state indication	Red LED indicator light
Surrounding environment	
Ambient temperature	-60℃...40℃ (No icing, no condensation)
Temperature effect	-Within -60℃... 40 ℃, within 20% 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	500V AC, 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 120g

The datasheet is subject to change without notice.
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