

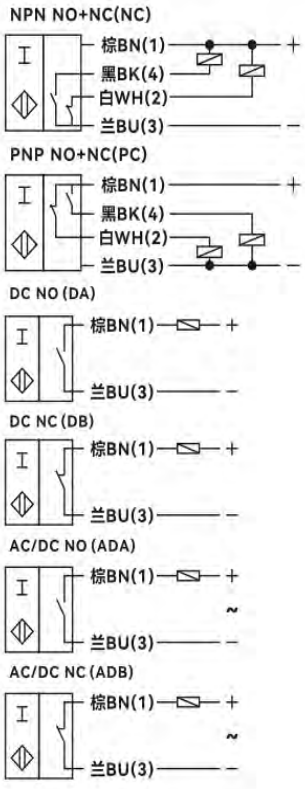
Order No.:

CM20-118K-NC
CM20-118K-PC
CM20-118K-DA
CM20-118K-DB
CM20-118K-ADA
CM20-118K-ADB

Features

- Dedicated circuit, stable detection distance, strong anti-interference
- Use fold-resistant, oil-resistant cables.

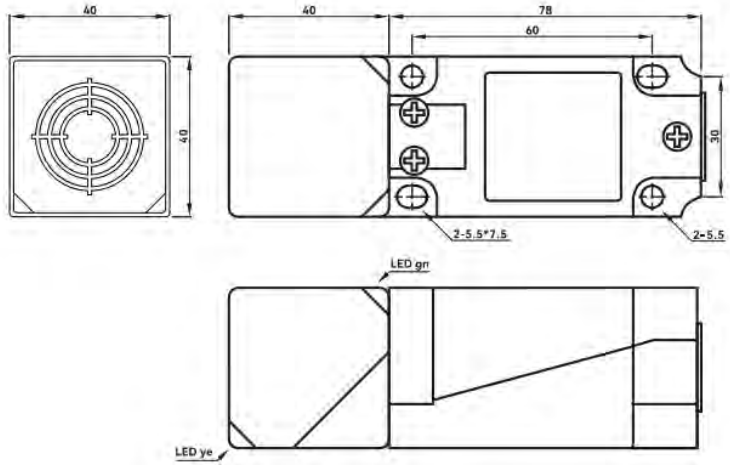
Wiring



Accessory

Screw*4 sets

Overall dimension



Technical Parameters

General description	
Switch point function	NPN 、PNP 、D、AD
Rated operating distance Sn	20mm
Installation	Non-flush mounting
Standard detector	60*60*1t(Q253A)
Reliable operating distance Sa	0...16mm
Rated grade	
Rated voltage U_B	NPN/PNP/D 10...30VDC； AC/DC 24...250V
Switching frequency f	NPN/PNP/D:0.1KHz AC/DC:40Hz
Hysteresis range	≤ 15% of sensing distance
Repeatability	<3% of detection distance
No load current Io	<12mA
Leakage current Ir	<100uA
Voltage drop Ud	NPN/PNP:<2.0V;D:<3.0V;AD<6.0V
Working current IL	NPN/PNP<200mA;D:<100mA;AD<300mA
Circuit protection	Reverse polarity protection、Short-circuit protection ， surge absorption
Switch status indication	RED LED Indicator
Surrounding environment	
Ambient temperature	-25℃...70℃ (No icing, no condensation)
Temperature effect	-25 ℃...+70 ℃, within 15% of detection distance at+24 ℃
Ambient humidity	35...95%RH
Influence of voltage	<3%
Mechanical properties	
Wiring	Connector
Shell material	ABT
Sensing surface	ABT
Protection level	IP66
Withstand voltage	500V AC, 50/60Hz 1 minute between the whole charging part and the shell
Insulation resistance	≥20 MÙ (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	
Certificates	CE CCC CQC ISO9001 ISO14001 ISO45001
Unit Weight	About 245g

The datasheet is subject to change without notice.
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