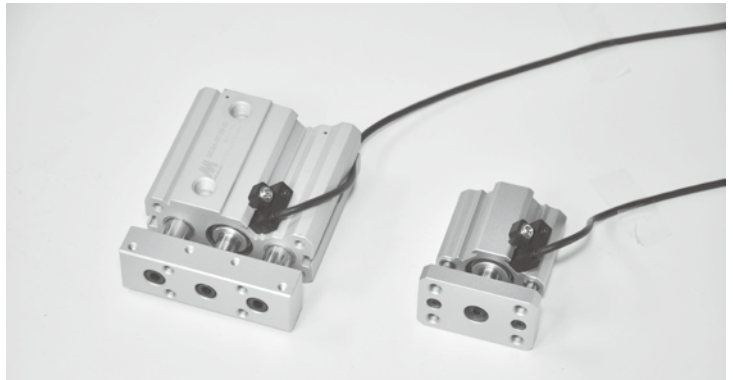




Order example

RCB — ☐

MODEL

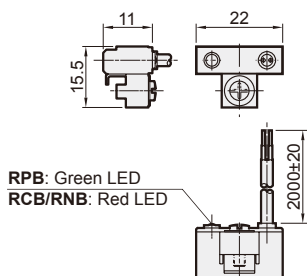
C: Reed switch
N: NPN
P: PNP

WIRE LENGTH

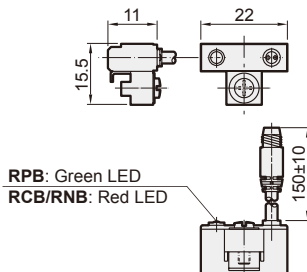
Blank: L=2000mm
1M: L=1000mm
QD: M8 3PIN connector
EQD: M8 3PIN connector
* Special order is available.

Dimension

RCB/RNB/RPB

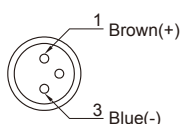


RCB-QD/RNB-QD/RPB-QD

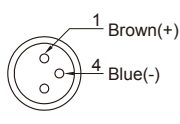


Wiring of the QD

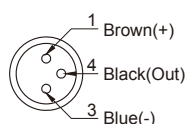
• 2 wire
QD wiring



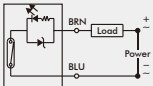
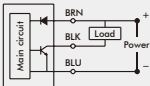
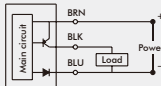
• 2 wire
EQD wiring



• 3 wire
QD wiring



Specification

Model	RCB	RNB	RPB
Wiring method	2 wire	3 wire	
Switching logic	SPST normally open	Solid state output, normally open	
Switch Type	Reed switch	NPN current sinking	PNP current sourcing
Operating voltage	5~240V DC/AC	5~30V DC	
Switching current	100mA max.	200mA max.	
Switching rating(*1)	10W max.	6W max.	
Current consumption	—	22 mA@24V DC max.	20 mA@24V DC max.
Voltage drop	3.5V max.	0.5V max.	
Leakage current	—	0.01mA max.	
Indicator	Red LED	Red LED	Green LED
Cable	ø3.3, 2C, PVC	ø3.3, 3C, PVC	
Temperature range	-10~+70℃ (No freezing)		
Shock (*2)	30G	50G	
Vibration (*3)	9G		
Enclosure classification	IEC 60529 IP67		
Protection circuit (*4)	1	3,4	
Weight	33 g (2m cable)		
Connect diagram			

*1. Warning: Never exceed rating (watt=voltage×amperage). Permanent damage to sensor will occur.

*2. Sin wave / X.Y.Z. 3 directions / 3 times each direction / 11ms each time.

*3. Double amplitude 1.5mm / 10Hz~55Hz~10Hz(Sweep 1min) / X.Y.Z. 3 directions / 1 hour each time.

*4. 1=None / 2=Short-circuit / 3=Power source reverse polarity / 4=Surge suppression

*5. Caution for safety please refer to the 10-3~4 page.

Assembling style

Cylinder type	MCJA, MCJQ, MCJQ2, MCGA, MCGJ, MCDA, MCRA, MCKB, MSB*, MSLD
Mounting clamp	