

### Order example

RCB — □

MODEL

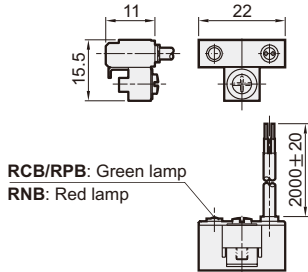
C: Reed Switch  
N: NPN  
P: PNP

WIRE LENGTH

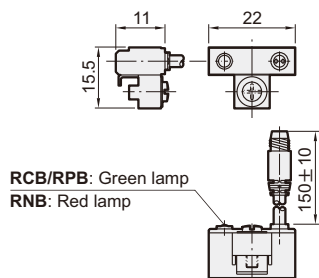
Blank: L=2000mm  
1M: L=1000mm  
QD: M8 3PIN connector  
※ Special order is available.

### Dimension

#### RCB/RNB/RPB

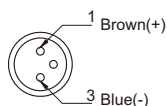


#### RCB-QD/RNB-QD/RPB-QD

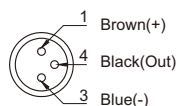


### Wiring of the QD

● 2 wire QD wiring



● 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	Green LED	Red LED	Green LED
Cable	φ 3.3, 2C, PVC	φ 3.3, 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 page 10-3~4.

### Assembling style

Cylinder type	MCJQ2, MCJT, MCGA, MCGJ, MCDA, MCDB, MCRA, MCKB, MSB*, MSLD
Mounting clamp	