



Order example

RCI — N — □

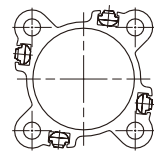
MODEL

RCI: Reed Switch
RCI-N: Reed Switch (NPN)
RCI-P: Reed Switch (PNP)
RNI: NPN
RPI: PNP

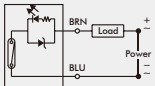
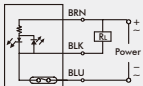
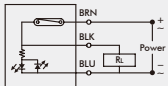
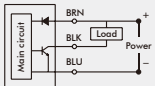
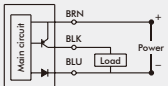
WIRE LENGTH

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

Assembling style

Cylinder type	MCQI2, MCKQI2, MCBQI2, MCJI, MCGI, MGTB, MGTU, MGTX, METB
Mounting clamp	

Specification

Model	RCI	RCI-N	RCI-P	RNI	RPI
Wiring	2 wire	3 wire		3 wire	
Switching logic	Normal open				
Switch Type	Reed switch			NPN current sinking	PNP current sourcing
Voltage range	5~240V DC/AC	10~30V DC		10~30V DC	
Current range	100mA max.	500mA max.		200mA max.	
Contact rating (*1)	10W max.			6W max.	
Current consumption	—	5 mA@24V DC max.		20 mA@24V DC max.	
Voltage drop	3.5V max.	0.1V@100mA max.		1.5V max.	
Leakage current	—	—	—	0.05mA max.	
Indicator	Red LED	Yellow LED		Red LED	Yellow LED
Cable	ø3,2C,PUR	ø3,3C,PUR		ø3,3C,PUR	
Temperature	-10~+70°C (No freezing)				
Shock (*2)	30G			50G	
Vibration (*3)	9G				
Protection classification	IEC 60529 IP67				
Protection circuit (*4)	1			2,3,4	
Weight	23 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.

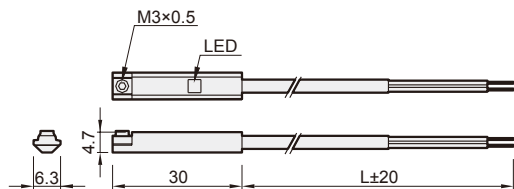
*3. Double amplitude 1.5mm / 10Hz~55Hz~10Hz(Sweep 1min) / X.Y.Z. 3 directions / 1 hour each time.

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

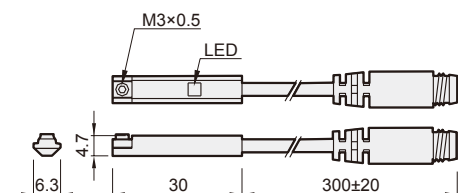
*5. Caution for safety please refer to page 10-3~4 .

Dimension

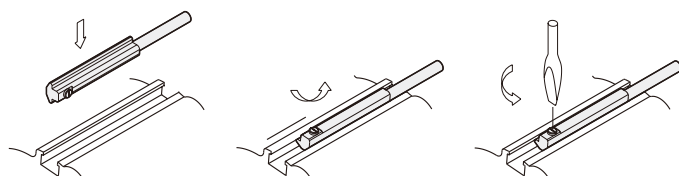
RCI-*/RNI/RPI



RCI-*-QD/RNI-QD/RPI-QD



Mounting



Wiring of the QD

- 2 wire QD wiring
- 2 wire EQD wiring
- 3 wire QD wiring

