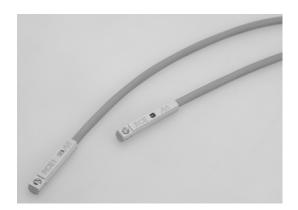
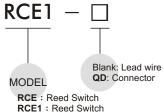
# RCE / RCE1 series

### **SENSOR SWITCH**



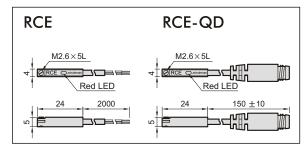


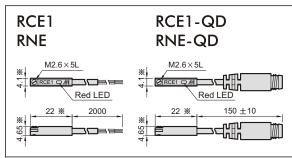
### Order example:



## RNE : NPN RPE : PNP

### **Dimension:**





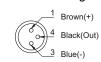
\* The dimensions is different from RCE series.

### Wiring of the QD:

• 2 wire QD wiring

• 3 wire QD wiring





### Specification:

Model	RCE / RCE1	RNE	RPE
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	5~220V DC/AC (RCE)	5~30V DC	
	5~120V DC/AC (RCE1)		
Switching current	100mA max.	50mA max.	
Switching rating	10W max.	1.5W max.	
Current consumption	_	10 mA@24V DC max.	12 mA@24V DC max.
Voltage drop	2.5V max.	0.5V max.	1.5V max.
Leakage current		0.01mA max.	
Indicator	Red	LED Green LED	
Cable	2.8 φ ,2C, PU	3.0 φ ,3C, PU	
Magnet frequency (% 1.)	80 Gauss	25 Gauss	
Temperature range	-10~70°C (no freezing)		
Shock (% 2.)	30G	50G	
Vibration (% 3.)	9G		
Enclosure classification	IEC 529 IP67		
Protection circuit	None	Power source reverse polarity; Surge suppression	
Weight	20 g (2m cable)		
Connect diagram	BRN Load + POWER BLU - ~	BLK LOAD POWER BLU -	BRN + BLK Power BBU Load -

- % 1. Measuring standard target :  $\phi$  15.5 $\times$   $\phi$  8 $\times$ 5t(Anisotropy rubber magnet). % 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.

### Assembling style:

Cylinder type	MCJA, MCJQ, MCJT, MCJS, MCFA, MCGB, MCGD, MCGJ, MCG3, MCDA, MCSH, MCSS, MCRA, MCKB, MCHA, MCHB, MSB*, MSL*		
Mounting clamp			