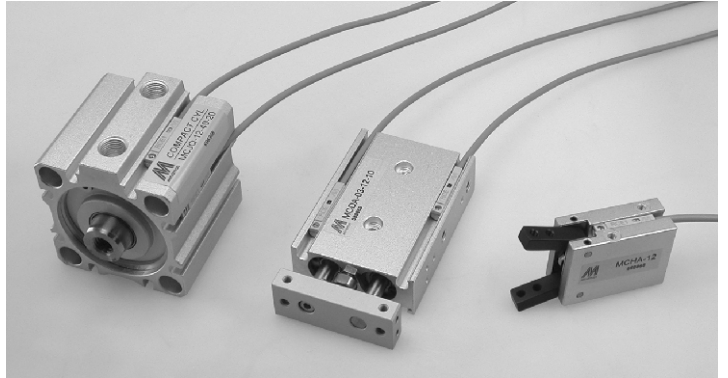
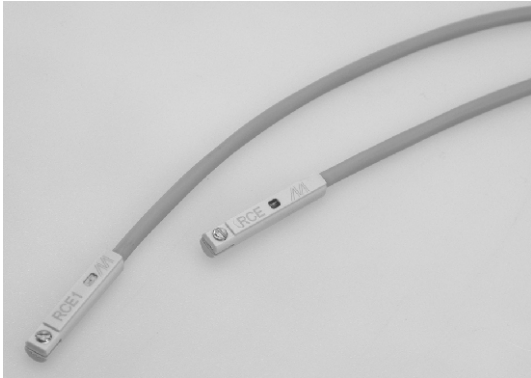


RCE / RCE1 series

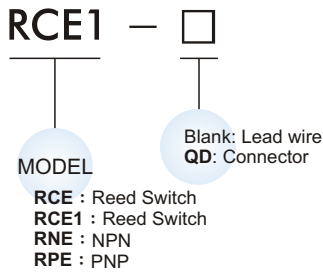
SENSOR SWITCH



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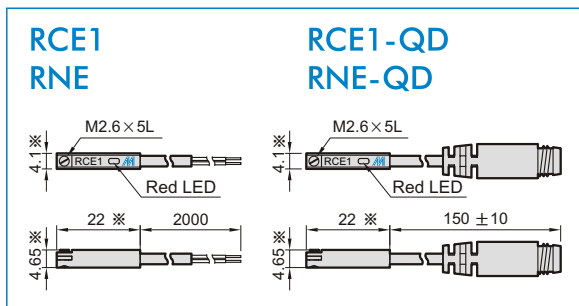
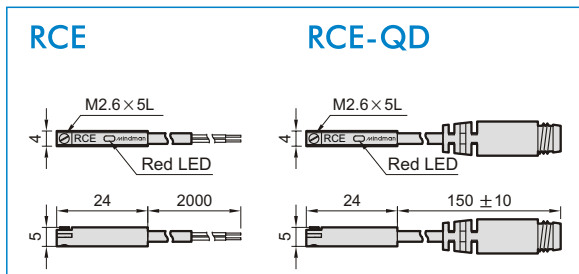
Order example



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) 5~120V DC/AC (RCE1)	5~30V DC	
Switching current	50mA max. (RCE) 100mA max. (RCE1)	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	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			

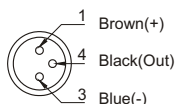
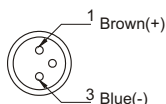
Dimension



※ The dimensions is different from RCE series.

Wiring of the QD

- 2 wire QD wiring
- 3 wire QD wiring



- ※ 1. Measuring standard target : φ 15.5 × φ 8 × 5 (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.
- ※ 4. Caution for safety please refer to the 2-03-04 page.

Assembling style

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



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