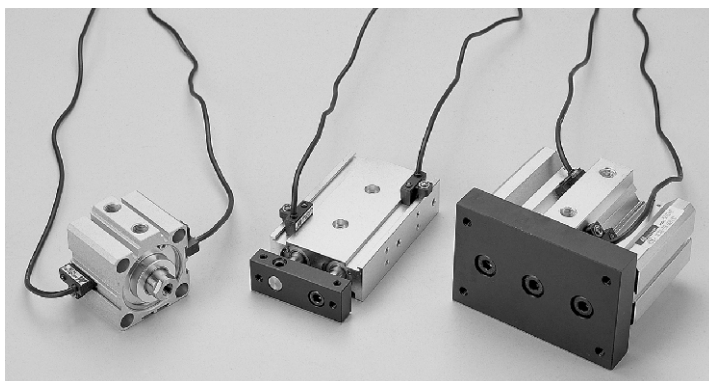
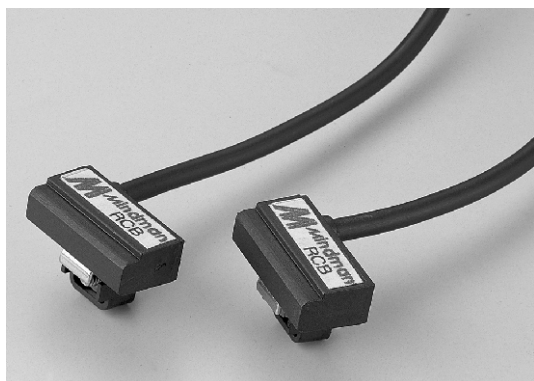
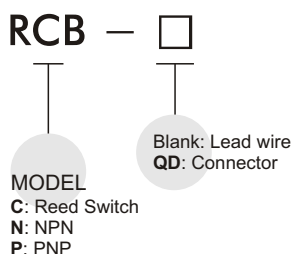


RCB series

SENSOR SWITCH

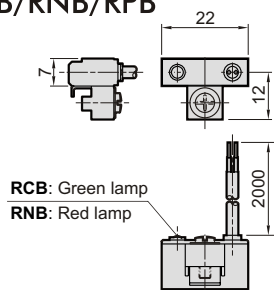


Order example:

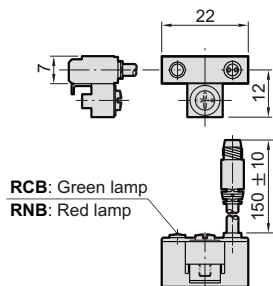


Dimension:

RCB/RNB/RPB

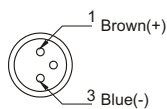


RCB-QD/RNB-QD/RPB-QD

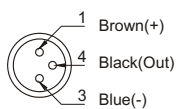


Wiring of the QD:

● 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	10W max.	6W max.	
Current consumption	—	22 mA@24V DC max.	20 mA@24V DC max.
Voltage drop	2.5V max.	0.5V max.	
Leakage current	—	0.01mA max.	
Indicator	Green LED	Red LED	Green LED
Cable	3.3 ϕ , 2C, PVC	3.3 ϕ , 3C, PVC	
Magnet frequency (※ 1.)	60 Gauss	40 Gauss	
Temperature range	- 10~70℃ (No freezing)		
Shock (※ 2.)	30G	50G	
Vibration (※ 3.)	9G		
Enclosure classification	IEC 529 IP67		
Protection circuit	None	Power source reverse polarity; Surge suppression	
Connect diagram			

- ※ 1. Measuring standard target : φ 15.5×φ 8×5t(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, MCJQ2, MCJT, MCJS, MCGA, MCGJ, MCDA, MCDB, MCRA, MCKB, MSB*, MSLD
Mounting clamp	