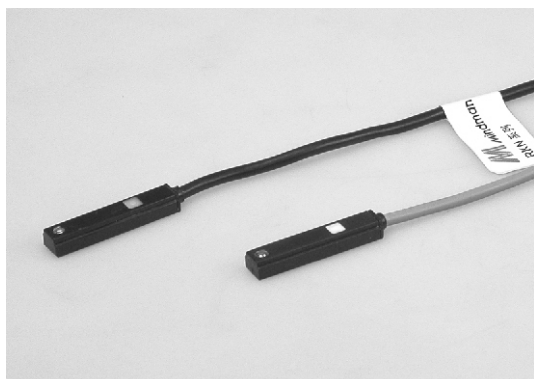


RK series

SENSOR SWITCH



Order example:

RKN — □

MODEL

Blank: Reed Switch

N: NPN

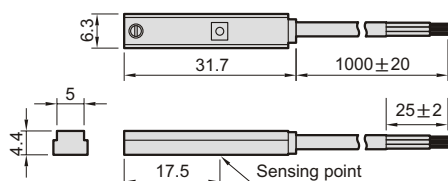
P: PNP

Blank: Lead wire

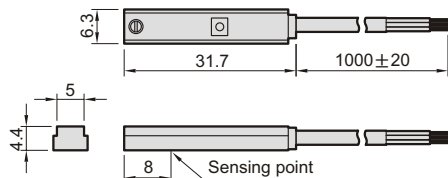
QD: Connector

Dimension:

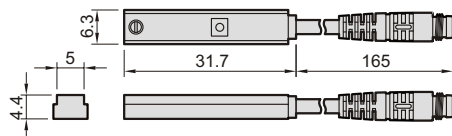
RK



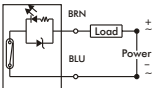
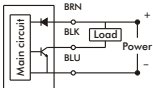
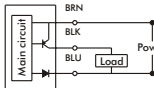
RKN, RKP



RK-QD



Specification:

Model	RK	RKN	RKP
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	5~30V DC	
Switching current	100mA max.	150mA max.	
Switching rating	10W max.	4.5W max.	
Current consumption	—	10 mA@24V max.	
Voltage drop	2.5V max.	2.0V max.	
Leakage current	—	0.01mA max.	
Indicator	Red LED	Red LED	Green LED
Cable	2.8 ϕ , 2C, PVC	3.3 ϕ , 3C, PVC	
Sensitivity(note 1.)	40 Gauss		
Temperature range	- 10~70℃ (No freezing)		
Shock(note 2.)	30G	50G	
Vibration(note 3.)	9G		
Enclosure classification	IP67 (Nema 6)		
Protection circuit	None	Power source reverse polarity; Surge suppression	
Connect diagram			

Note1. Measuring standard target : $\phi 14.5 \times \phi 8.5$ (Anisotropy rubber magnet).

Note2. Sin wave / X.Y.Z. 3 Directions / 3 Times each direction / 11ms each time.

Note3. Double amplitude 1.5mm / 10Hz~55Hz~10Hz (Sweep 1min) / X.Y.Z. 3 Directions / 1 Hour each time.

Assembling style:

Cylinder type	MCHX, MCHW
Pictures	

Wiring of the QD:

● 2 wire QD wiring ● 2 wire EQD wiring ● 3 wire QD wiring

