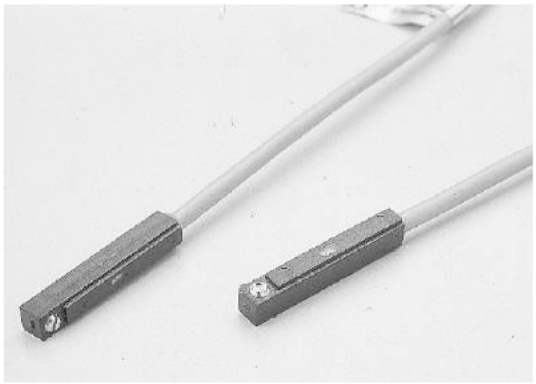


Order example

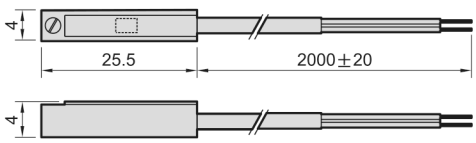
RCD – □

MODEL
C: Reed Switch
N: NPN
P: PNP

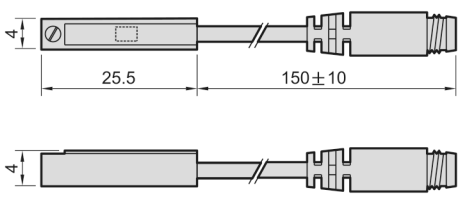
WIRE LENGTH
Blank: L=2000mm
1M: L=1000mm
QD: M8 3PIN connector
※Special order is available.

Dimension

RCD/RND/RPD

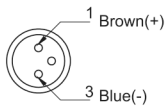


RCD-QD/RND-QD/RPD-QD

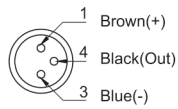


Wiring of the QD

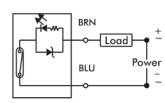
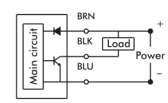
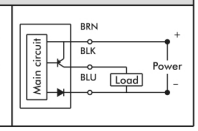
● 2 wire QD wiring



● 3 wire QD wiring



Specification

Model	RCD	RND	RPD
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	5~120V DC/AC	5~30V DC	
Switching current	100mA max.	200mA max.	
Contact rating (※1)	10W max.	6W max.	
Current consumption	--	8 mA@24V Max (Switch active)	
Voltage drop	3.5V max.	1V@200mA Max	
Leakage current	--	0.01mA Max	
Indicator	Red LED	Red LED	Green LED
Cable	ϕ2.8, 2C, PU	ϕ2.8, 3C, PU	
Temperature range	−10~+70℃ (No freezing)		
Shock (※2)	30G	50G	
Vibration (※3)	9 G		
Enclosure classification	IEC 60529 IP67		
Protection circuit(※4)	1	2, 3, 4	
Weight	20g (2m cable)		
Connect diagram			

※1. Warning: Never exceed rating (watt=voltage×amperage). Permanent demage 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 the 2-03~04 page.

Assembling style

Cylinder type	MCRB
Pictures