

Order example

* Special order is available.

RCA — □

MODEL

RCA: Reed switch
RDA: Non-contact
RNA: NPN
RNAE: NPN
RPA: PNP
RPAE: PNP

WIRE LENGTH

2M: L=2000mm
3M: L=3000mm
QD: M8, 3 Pin connector
EQD: M8, 3 Pin connector

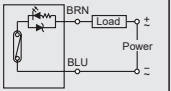
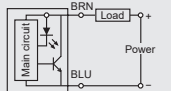
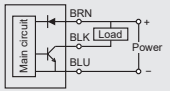
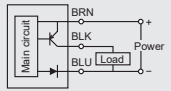
Switch holder / band

HV1

SWITCH HOLDER

HA*: for MCQA, MCQV
HV*: for MCQA, MCQV, MCQV2, MCQV3, MCQV2L, MCBQV, MCBQV2, MCBQV3, MCQN
HS*: for MSB*-ø50
BGA*: for MCKG*
PN-A*: for MCKA
PM*: for MCQA, MCQV

Specification

Model	RCA	RDA	RNA	RNAE	RPA	RPAE		
Wiring method	2 wire		3 wire					
Switching logic	SPST N.O.	Solid state output, normally open						
Switch type	Reed switch	Non-contact	NPN current sinking		PNP current sourcing			
Operating voltage	5~240V DC/AC		5~30V DC					
Switching current	100mA max.	50mA max.	200mA max.					
Switching rating (*1)	10W max.	1.5W max.	6W max.					
Current consumption (*5)	—		15 mA@24V DC max.	6 mA@24V DC max.	15 mA@24V DC max.	6 mA@24V DC max.		
Voltage drop (*5)	3.5V max.	3.7V max.	1.5V max.	0.5max.	1.5V max.	0.5max.		
Leakage current (*5)	—	0.1mA(40uA) max.	0.01mA max.					
Indicator	Green LED	Red LED			Green LED			
Cable	ø4, 2C, PVC		ø4, 3C, PVC					
Temperature range	-10~+70°C (No freezing)							
Shock (*2)	30G		50G					
Vibration (*3)	9G							
Enclosure classification	IEC 60529 IP67							
Protection circuit (*4)	1	3,4	2,3,4	3,4	2,3,4	3,4		
Weight	46 g (2m cable)							
Connect diagram								

*1. Warning: Never exceed rating (watt=voltage×amperage). Permanent damage to sensor will occur. * 6. Caution for safety please refer to page 9-3~4.

*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. It bases on conditions of voltage 24V DC, ambient temp. 25°C and cable 2M length. Voltage drop increases in pace with cable length.