

### Order example

RCA — □

MODEL

C: Reed Switch  
N: NPN  
P: PNP

WIRE LENGTH

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

### Switch holder / band

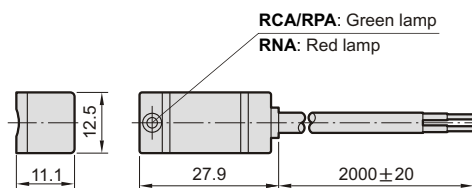
HV1

SWITCH HOLDER

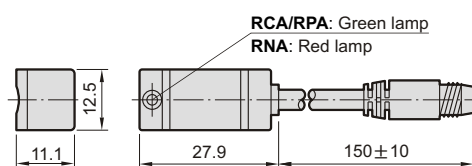
HA\*: for MCQA  
HV\*: for MCQV  
HS\*: for MSB\*-φ 50  
BA\*: for MCMA, MCMB, MCMII  
BGA\*: for MCCG, MCCN  
BGS\*: for MCMA, MCMB, MCM I  
PN-A\*: for MCKA

### Dimension

#### RCA/RNA/RPA



#### RCA-QD/RNA-QD/RPA-QD



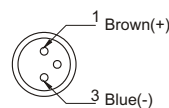
### Specification

Model	RCA	RNA	RPA
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(※1)	10W max.	6W max.	
Current consumption	—	15 mA@24V DC max.	
Voltage drop	2.5V max.	1.5V max.	
Leakage current	—	0.01mA max.	
Indicator	Green LED	Red LED	Green LED
Cable	φ 4, 2C, PVC	φ 4, 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	2,3,4	
Weight	46g (2m cable)		
Connect diagram			

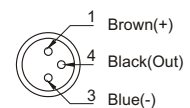
- ※1. Warning: Never exceed rating (watt=voltage × amperage). Permanent damage to sensor will occur.
- ※2. Sin wave / X.Y.Z. 3 directions / 3 times each direction / 11ms each time.
- ※3. Double amplitude 1.5mm / 10Hz~55Hz~10Hz(Sweep 1min) / X.Y.Z. 3 directions / 1 hour each time.
- ※4. 1=None / 2=Short-circuit / 3=Power source reverse polarity / 4=Surge suppression
- ※5. Caution for safety please refer to the 2-03~04 page.

### Wiring of the QD

#### ● 2 wire QD wiring



#### ● 3 wire QD wiring



Assembling style

Cylinder type	MCQA					MCQV2 / MCBQV2			MCQV		MCQN		
Mounting clamps	Hold					Hold					Hold		
Order	HV2	HV4	PM14	PM16	HA5	HV1	HV2	HV3	HV4	PM16	HV1	HV2	HV3
Cylinder tube I.D.	40,50,63	80,100	125	150	200	32,40	50,63	80,100	125	160	40	50,63	80,100

Pictures	<b>HA*</b>	<b>HV*</b>	<b>PM*</b>

Cylinder type	MCMA				MCMB				MCM I	
Mounting clamps	Band				Band				Band	
Order	BA20	BA25	BA32	BA40	BA20	BA25	BA32	BA40	BA20	BA25
Cylinder tube I.D.	20	25	32	40	20	25	32	40	20	25

Pictures	<b>BA*</b>	<b>BGS*</b>

Cylinder type	MCKMB		MCMBL	MCCG / MCCN					
Mounting clamps	Band		Band	Band					
Order	BA25	BA40	BA40	BGA20	BGA25	BGA32	BGA40	BGA50	BGA63
Cylinder tube I.D.	25	40	40	20	25	32	40	50	63

Pictures	<b>BA*</b>	<b>BGS*</b>	

Cylinder type	MGTB / MGTK / MG TU		MCKA			MSB* $\phi$ 50
Mounting clamps	Band		Band			Hold
Order	BA20	BA25	PN-A40	PN-A50	PN-A63	HS
Cylinder tube I.D.	20	25	40	50	63	50

Pictures			