

### Order example \* Special order is available.

RCE — □

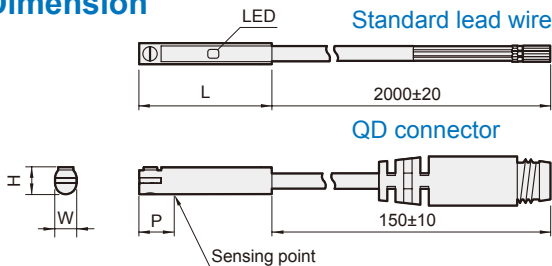
#### MODEL

- RCE: Reed Switch
- RDE: Non-contact
- RDE-D: Non-contact, two indicators
- RNE: NPN
- RNEE: NPN
- RPE: PNP
- RPEE: PNP

#### WIRE LENGTH

- Blank: L=2000mm
- 1M: L=1000mm
- QD: M8, 3 Pin connector
- EQD: M8, 3 Pin connector

### Dimension



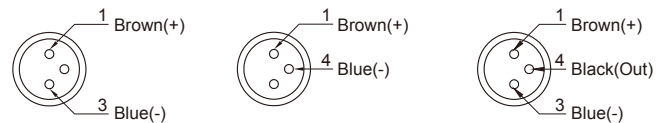
### Assembling style

Cylinder type	Mounting clamp
MCJA, MCJQ, MCKJQ, MCFA, MCGB, MCGS, MCGD, MCGJ, MCG3, MCDA, MCSH, MCSS, MCSQ, MCSF, MCRPMD, MCRA, MCKB, MCKC, MCHA, MCHB, MCHC, MSB*, MSL*	

\* RDE not applicable to MCDA-12, MCSS-6/8, MCSQ.

### Wiring of the QD

- 2 wire QD wiring
- 2 wire EQD wiring
- 3 wire QD wiring



Code Model	H	L	P	W
RCE	5	24	12	4
RDE, RDE-D	5	24	6	4
RNE, RPE	4.65	22	6	4.1
RNEE, RPEE	5	24	6	4

### Specification

Model	RCE	RDE	RDE-D	RNE	RNEE	RPE	RPEE
Wiring method	2 wire			3 wire			
Switching logic	SPST normally open			Solid state output, normally open			
Switch Type	Reed switch	Non-contact		NPN current sinking		PNP current sourcing	
Operating voltage	5~220V DC/AC		10~28V DC	5~30V DC			
Switching current	50mA max.	50mA max.	80mA max.	50mA max.	200mA max.	50mA max.	200mA max.
Switching rating(*1)	10W max.	1.5W max.	2W max.	1.5W max.	6W max.	1.5W max.	6W max.
Current consumption	—			10 mA@24V DC max.	6 mA@24V DC max.	12 mA@24V DC max.	6 mA@24V DC max.
Voltage drop	3.5V max.		4V max.	0.5V max.	0.5V @200mA max.	1.5V max.	0.5V @200mA max.
Leakage current	—	0.1mA max.	1mA max.	0.01mA max.			
Indicator (LED)	Red		Red/Green	Red		Green	
Cable	ø2.8,2C,PUR	ø2.8,2C,PUR		ø3, 3C, PU			
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			
Weight	20 g (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 page 10-3~4.