

Order example * Special order is available.

RCE — □

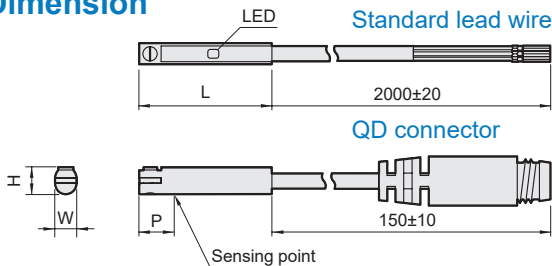
MODEL

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

WIRE LENGTH

- 1M: L=1000mm
- 2M: L=2000mm
- QD: M8, 3 Pin connector
- EQD: M8, 3 Pin connector

Dimension



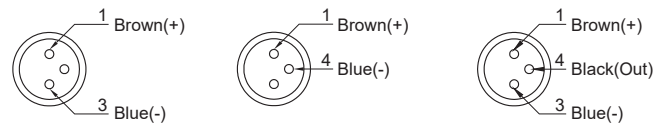
Assembling style

| 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 | 26 | 12.5 | 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 N.O. | 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 (*5) | — | | | 10 mA@24V DC max. | 6 mA@24V DC max. | 12 mA@24V DC max. | 6 mA@24V DC max. |
| Voltage drop (*5) | 3.5V max. | | 4V max. | 0.5V max. | 0.5V @200mA max. | 1.5V max. | 0.5V @200mA max. |
| Leakage current (*5) | — | 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. *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.