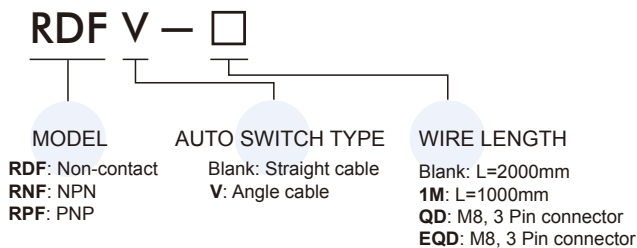
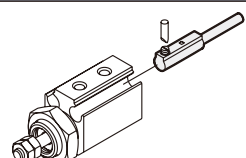


### Order example \* Special order is available.



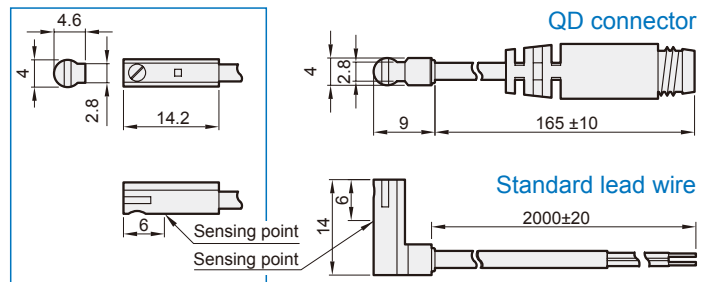
### Assembling style

Cylinder type	Mounting clamp
<b>MAM*</b> , <b>MCJU</b> , <b>MCFB</b> , <b>MCMJP</b> , <b>MCDJ</b> , <b>MSBE</b> , <b>MCRJ-S</b> , <b>MCRQ</b> , <b>MCRQ-S</b> , <b>MCHC-6</b> , <b>MCHD</b> , <b>MCHH</b> , <b>MCHU</b> , <b>MCHS</b> , <b>MCHX</b> , <b>MCHG2</b> , <b>MCHJ</b> , <b>MCHY</b>	

### Dimension

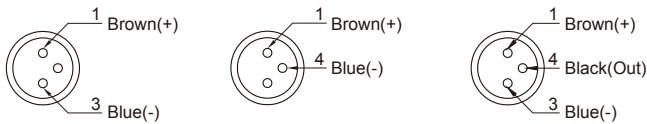
#### Straight cable

#### Angle cable

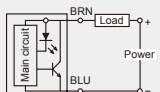
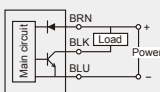
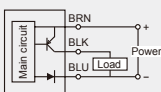


### Wiring of the QD

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



### Specification

Model	RDF / RDFV	RNF / RNFV	RPF / RPFV
Wiring method	2 wire	3 wire	
Switching logic	Solid state output, Normally open		
Switch Type	Non-contact	NPN current sinking	PNP current sourcing
Operating voltage	10~28V DC	4.5~28V DC	
Switching current	4~20mA max.	50mA max.	
Contact rating(*1)	0.6W max.	1.5W max.	
Current consumption	—	10mA @24V DC max.	
Voltage drop	3.5V max.	0.5V @ 50mA max.	
Leakage current	0.8mA max.	0.01mA max.	
Indicator	Red LED		
Cable	∅2.6, 2C, PVC	∅2.6, 3C, PVC	
Temperature range	-10~+70°C (No freezing)		
Shock (*2)	50G		
Vibration (*3)	9G		
Enclosure classification	IEC 60529 IP67		
Protection circuit (*4)	4	3, 4	
Weight	12.8 g (1m cable) / 23.8 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 page 8-8~9.