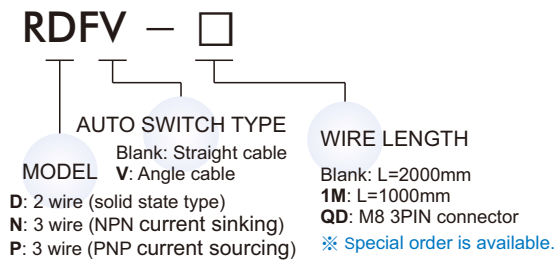
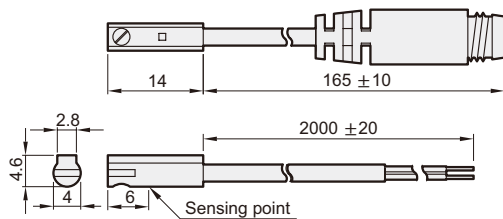


Order example

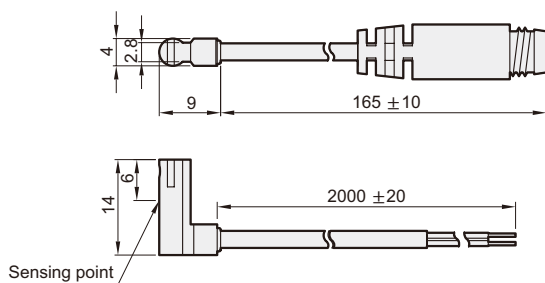


Dimension

RDF / RNF / RPF RDF-QD / RNF-QD / RPF-QD

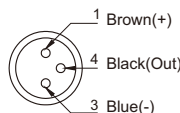
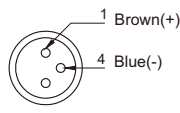
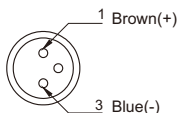


RDFV / RNFV / RPFV RDFV-QD / RNFV-QD / RPFV-QD



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	—	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 max. (Switch active)	
Voltage drop	3.5V max.	0.5V @ 50mA max.	
Leakage current	0.8mA max.	0.01mA max.	
Indicator	Red LED		
Cable	φ 2.6, 2C, PVC	φ 2.6, 3C, PVC	
Temperature range	-10°C~+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 10-3~4.

Assembling style

Cylinder type	MCJU, MCFB, MCMJP, MCDJ, MCHJ, MCHS, MCHT
Mounting clamp	