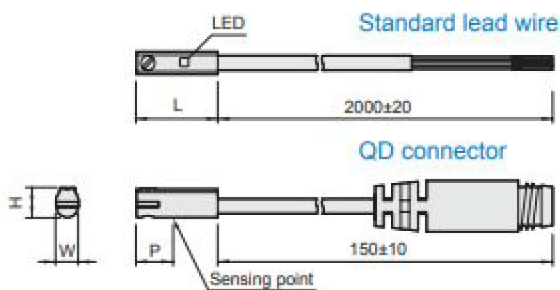
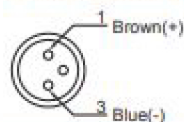


## Dimension

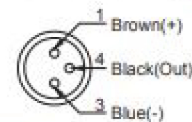


## Wiring of the QD

### • 2 wire QD wiring



### • 3 wire QD wiring



Code Model	H	L	P	W
RS	4.65	22.0	12	4.1
RSNC	5	14.2	6	4
RSNPN	5	14.2	6	4
RSPNP	5	14.2	6	4

## Specification

Model	RS	RSNC	RSNPN	RSPNP
Wiring method	2 wire		3 wire	
Switching logic	Solid state output, normally open			
Switch Type	Reed switch	Non-contact	NPN current sinking	PNP current sourcing
Operating voltage	5~120V DC/AC		5~30V DC	
Switching current	100mA max.	50mA max.	80mA max.	
Switching rating(*1)	10W max.	1.5W max.	2.2W max.	
Current consumption	—		10 mA@24V DC max.	
Voltage drop	3.5V max.		0.5V@50mA max.	
Leakage current	—	0.1mA(40uA) max.	0.01mA max.	
Indicator (LED)	Red			
Cable	ø2.8,2C,PU	ø2.6,2C,PVC	ø2.6,3C,PVC	
Temperature range	-10~+70°C (No freezing)			
Shock (*2)	30G	50G		
Vibration (*3)	9G			
Enclosure classification	IEC 60529 IP67			
Protection circuit (*4)	1	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.