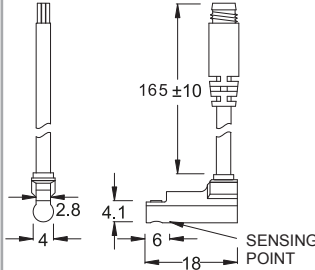


**WT-16 SERIES**

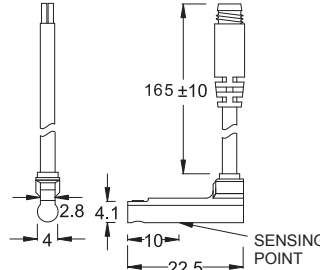


**DIMENSION**

**WT-16N, WT-16P**  
**WT-16N-QD, WT-16P-QD**



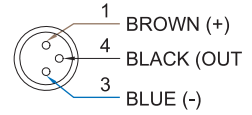
**WT-16R / WT - 16R-QD**



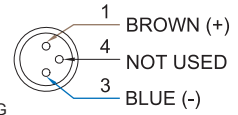
Unit:mm

**QD PINOUT**

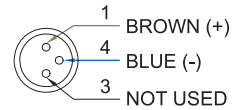
**\*3 wire QD wiring**



**\*2 wire QD wiring**



**\*2 wire EQD wiring**



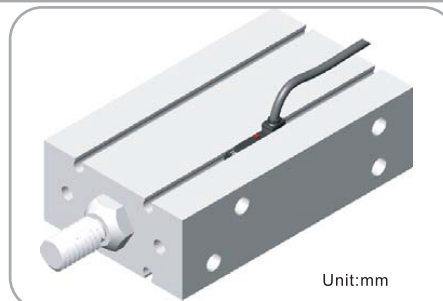
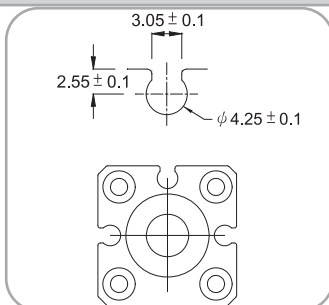
**SPECIFICATION**

TYPE	WT-16R	WT-16N	WT-16P
<b>CONNECT DIAGRAM</b>			
<b>CHARACTERISTICS</b>			
WIRING METHOD	2-Wire Type	3-Wire Type	
SWITCHING LOGIC	SPST, Normally Open	Solid State Output, Normally Open	
SENSOR TYPE	Reed Switch	NPN Current Sinking	PNP Current Sourcing
OPERATING VOLTAGE	5~120V DC/AC	5~30V DC	
SWITCHING CURRENT		50 mA max.	
CONTACT RATING (NOTE 1)	6 W max.		1.5 W max.
CURRENT CONSUMPTION	--	7 mA @ 24V DC max.	9 mA @ 24V DC max.
VOLTAGE DROP	2.5 V max.	1.5V @ 50mA max.	
LEAKAGE CURRENT	--	0.01 mA max.	
INDICATOR		Red LED	Green LED
CABLE	ø2.8, 2C, PUR	ø2.8, 3C, PUR	
OPERATING FREQUENCY	200 Hz	1000 Hz	
MAGNET REQUIREMENT (NOTE 2)	70 Gauss	40 Gauss	
TEMPERATURE RANGE		-10~70°C	
SHOCK (NOTE 3)	30 G		50 G
VIBRATION (NOTE 4)		9 G	
ENCLOSURE CLASSIFICATION		IEC 529 IP 67	
PROTECTION CIRCUIT (NOTE 5)	1		3,4

**NOTE:**

1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent damage to sensor will occur.
2. Measuring standard target: ø15.5Xø8X5t (Anisotropy rubber magnet)
3. Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.
4. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.
5. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

**GROOVE DIMENSION**



Unit:mm