

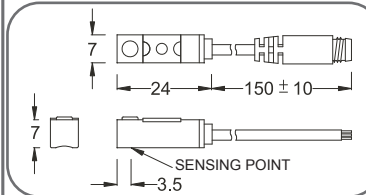
**WT-05 SERIES**

**Magnetic Switch**



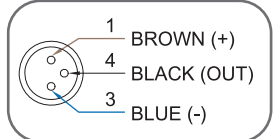
**DIMENSION**

WT-05N, WT-05P / WT-05N-QD, WT-05P-QD

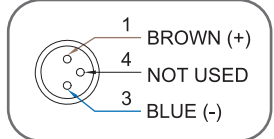


**QD PINOUT**

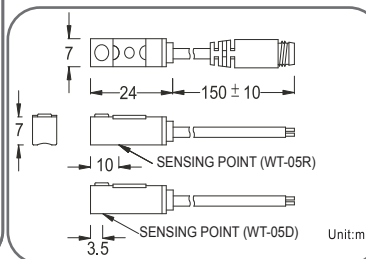
**\*3 wire QD wiring**



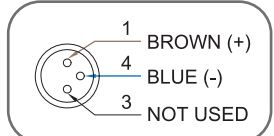
**\*2 wire QD wiring**



WT-05R, WT-05D / WT-05R-QD, WT-05D-QD



**\*2 wire EQD wiring**



TYPE	WT-05R	WT-05D	WT-05N	WT-05P
<b>CONNECT DIAGRAM</b>				
<b>CHARACTERISTICS</b>	<b>2-Wire Type</b>		<b>3-Wire Type</b>	
<b>SWITCHING LOGIC</b>	<b>SPST, Normally Open</b>		<b>Solid State Output, Normally Open</b>	
<b>SENSOR TYPE</b>	Reed Switch	--	NPN Current Sinking	PNP Current Sourcing
<b>OPERATING VOLTAGE</b>	5~240V DC/AC	10~28V DC	5~30V DC	
<b>SWITCHING CURRENT</b>	100 mA max.	50 mA max.	200 mA. max.	
<b>CONTACT RATING (NOTE 1)</b>	10 W max.	1.5 W max.	6W max.	
<b>CURRENT CONSUMPTION</b>	--	--	8 mA @ 24V DC max.	
<b>VOLTAGE DROP</b>	3.0 V max.	3.5 V max.	1 V @ 200mA max.	
<b>LEAKAGE CURRENT</b>	--	0.8 mA max.	0.01 mA max.	
<b>INDICATOR</b>	Red LED		Green LED	
<b>CABLE</b>	ø2.8, 2C, PVC		ø2.8, 3C, PVC	
<b>OPERATING FREQUENCY</b>	200 Hz		1000 Hz	
<b>MAGNET REQUIREMENT (NOTE 2)</b>	50 Gauss		40 Gauss	
<b>TEMPERATURE RANGE</b>			-10~70°C	
<b>SHOCK (NOTE 3)</b>	30 G		50 G	
<b>VIBRATION (NOTE 4)</b>			9 G	
<b>ENCLOSURE CLASSIFICATION</b>			IEC 529 IP 67	
<b>PROTECTION CIRCUIT (NOTE 5)</b>	1	2,4	2,3,4	

**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**

