

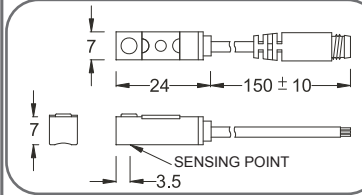
**WT-08 SERIES**

**Magnetic Switch**

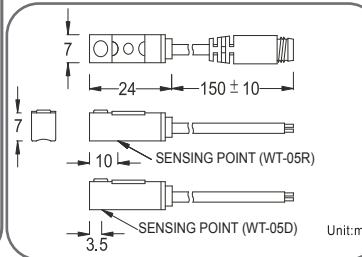


**DIMENSION**

WT-08N, WT-08P / WT-08N-QD, WT-08P-QD



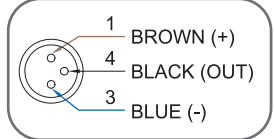
WT-08R / WT-08R-QD



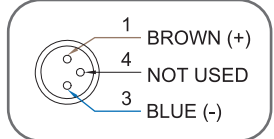
Unit:mm

**QD PINOUT**

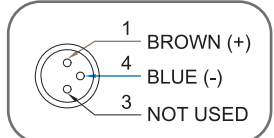
**\*3 wire QD wiring**



**\*2 wire QD wiring**



**\*2 wire EQD wiring**



TYPE	KT-08R	KT-08N	KT-08P
<b>CONNECT DIAGRAM</b>			
<b>CHARACTERISTICS</b>			
<b>WIRING METHOD</b>	2-Wire Type	3-Wire Type	
<b>SWITCHING LOGIC</b>	SPST, Normally Open	Solid State Output, Normally Open	
<b>SENSOR TYPE</b>	Reed Switch	NPN Current Sinking	PNP Current Sourcing
<b>OPERATING VOLTAGE</b>	5~240V DC/AC	5~30V DC	
<b>SWITCHING CURRENT</b>		1 Amp. max.	
<b>CONTACT RATING (NOTE 1)</b>		30 W max.	
<b>CURRENT CONSUMPTION</b>	--	42 mA @ 24V DC max.	30 mA @ 24V DC max.
<b>VOLTAGE DROP</b>	3.5 V max.	1.5 V @ 0.5A max.	
<b>LEAKAGE CURRENT</b>	--	0.01 mA max.	
<b>INDICATOR</b>	Red LED	Power : Green LED , Output : Red LED	
<b>CABLE</b>	ø4.5, 2C, PVC	ø4.5, 3C, PVC	
<b>OPERATING FREQUENCY</b>	200 Hz	1000 Hz	
<b>MAGNET REQUIREMENT (NOTE 2)</b>	80 Gauss	60 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>	4	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

**MOUNTING CLAMPS**

