

WT-06 SERIES

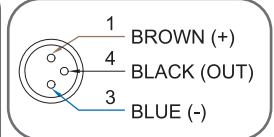
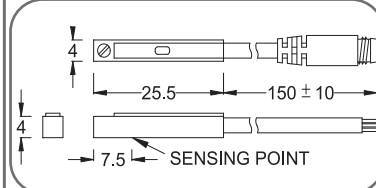
Magnetic Switch



DIMENSION

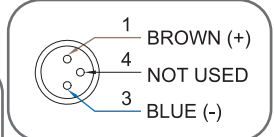
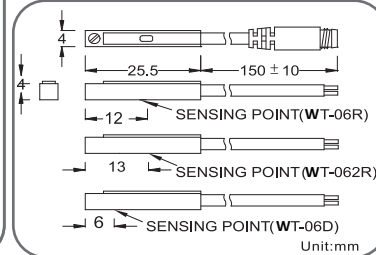
WT - 06N, WT - 06N - QD, WT - 06P - QD

QD PINOUT
*3 wire QD wiring

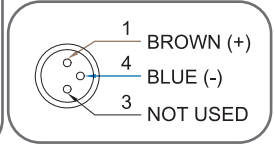


WT - 06R, WT - 062R, WT - 06D
WT - 06R - QD, WT - 06D - QD

*2 wire QD wiring



*2 wire EQD wiring



Unit:mm

TYPE	WT - 06R	WT - 062R	WT - 06D	WT - 06N	WT - 06P
CONNECT DIAGRAM					
CHARACTERISTICS	2-Wire Type			3-Wire Type	
WIRING METHOD	SPST, Normally Open			Solid State Output, Normally Open	
SWITCHING LOGIC	Reed Switch			NPN Current Sinking PNP Current Sourcing	
SENSOR TYPE	5~120V DC/AC			5~30V DC	
OPERATING VOLTAGE	5~240V DC/AC			10~28V DC	
SWITCHING CURRENT	100 mA max.			4~40 mA max.	
CONTACT RATING (NOTE 1)	10 W max.			1.5 W max.	
CURRENT CONSUMPTION	--			8 mA @ 24V DC max.	
VOLTAGE DROP	3.5 V max.			1 V @ 200mA max.	
LEAKAGE CURRENT	--			1 mA max.	
INDICATOR	Red LED	Green LED	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			30 Gauss	
SHOCK (NOTE 3)	30 G			50 G	
VIBRATION (NOTE 4)	9 G			IEC 529 IP 67	
ENCLOSURE CLASSIFICATION	1			4	
PROTECTION CIRCUIT (NOTE 5)	1			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

