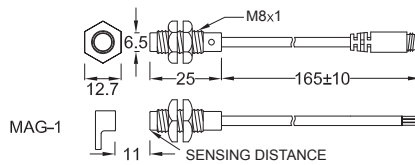


WT-28 SERIES

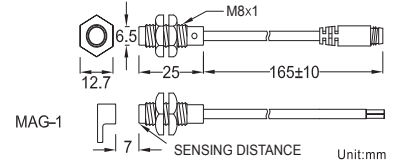


DIMENSION

WT-28N, WT-28P WT-28N-QD, WT-28P-QD

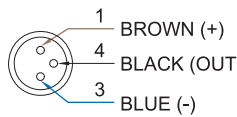


WT-28R / WT - 28R-QD

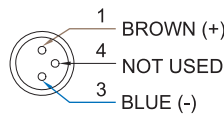


QD PINOUT

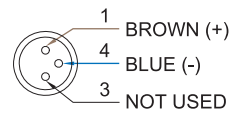
***3 wire QD wiring**



***2 wire QD wiring**



***2 wire EQD wiring**



SPECIFICATION

| TYPE | WT-28R | WT-28N | WT-28P | WT-28N-NC |
|-----------------------------|---------------------|-----------------------------------|----------------------|---------------------|
| CONNECT DIAGRAM | | | | |
| CHARACTERISTICS | | | | |
| WIRING METHOD | 2-Wire Type | 3-Wire Type | | |
| SWITCHING LOGIC | SPST, Normally Open | Solid State Output, Normally Open | | Normally Close |
| SENSOR TYPE | Reed Switch | NPN Current Sinking | PNP Current Sourcing | NPN Current Sinking |
| OPERATING VOLTAGE | 5~120V DC/AC | 5~30V DC | | |
| SWITCHING CURRENT | 40 mA max. | 100 mA. max. | | |
| CONTACT RATING (NOTE 1) | 5 W max. | 6 W max. | | |
| CURRENT CONSUMPTION | -- | 18 mA @ 24V DC max. | | |
| VOLTAGE DROP | 2.5 V max. | 0.5 V max. | | |
| LEAKAGE CURRENT | -- | 0.01 mA max. | | |
| INDICATOR | Red LED | | Green LED | Red LED |
| CABLE | ø3.3, 2C, PVC | ø3.3, 3C, PVC | | |
| OPERATING FREQUENCY | 200 Hz | 1000 Hz | | |
| SENSING DISTANCE (NOTE 2) | 7 mm max. | 11 mm max. | | |
| 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: MAG-1 (NdFeB 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

NdFeB MAGNET

