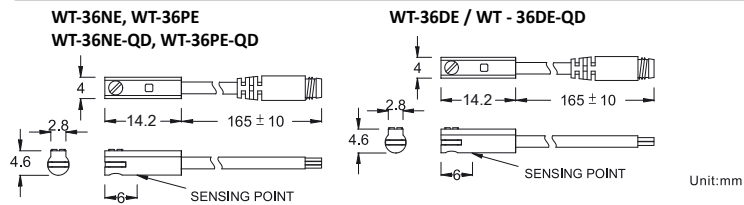


WT-36 SERIES

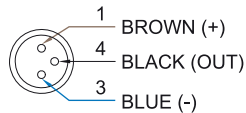


DIMENSION

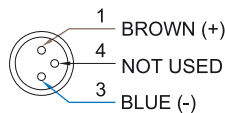


QD PINOUT

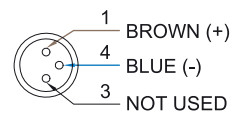
*3 wire QDE wiring



*2 wire QDE wiring



*2 wire EQD wiring



SPECIFICATION

TYPE	WT-36DE	WT-36NE	WT-36PE
CONNECT DIAGRAM			
CHARACTERISTICS			
WIRING METHOD	2-Wire Type	3-Wire Type	
SWITCHING LOGIC	Solid State Output, Normally Open		
SENSOR TYPE	--	NPN Current Sinking	PNP Current Sourcing
OPERATING VOLTAGE	5~30V DC		
SWITCHING CURRENT	50 mA max.		
CONTACT RATING (NOTE 1)	1.5 W max.		
CURRENT CONSUMPTION (NOTE 2)	-	10 mA @ 24V DC max.	
VOLTAGE DROP (NOTE 3)	3.5 V max.	0.5V @ 50mA max.	
LEAKAGE CURRENT (NOTE 2)	0.1 mA (40 uA) max.	0.01 mA max.	
INDICATOR	Red LED		
CABLE	ø2.6, PVC - 26 AWG (0.15mm²)- 2 cores	ø2.6, PVC - 26 AWG (0.15mm²)- 3 cores	
OPERATING FREQUENCY	1000 Hz		
MAGNET REQUIREMENT (NOTE 2,3)	40~1000 Gauss		
TEMPERATURE RANGE	-10~70°C		
SHOCK (NOTE 4)	50 G		
VIBRATION (NOTE 4)	9 G		
ENCLOSURE CLASSIFICATION	IEC 60529 IP 67		
PROTECTION CIRCUIT (NOTE 6)	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
6. It bases on conditions of voltage 24 V DC, ambient temp. 25 °C and 2 meters cable of sensor. Voltage drop increases in pace with cable length.

GROOVE DIMENSION

