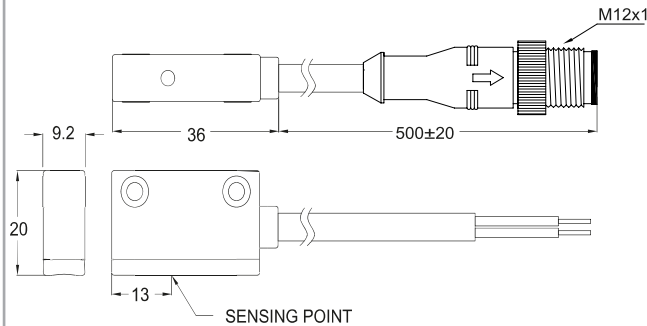


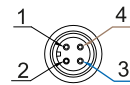
**WT - 1000D SERIES**



**DIMENSION**



**QD PINOUT**



- 1: N/C (NO connect)
- 2: N/C (NO connect)
- 3: Blue
- 4: Brown

Unit:mm

**SPECIFICATION**

TYPE	WT-1000D
CONNECT DIAGRAM	
CHARACTERISTICS	
WIRING METHOD	2-Wire Type
SWITCHING LOGIC	Solid State Output, Normally Open
SENSOR TYPE	-
OPERATING VOLTAGE	10~28 V DC
SWITCHING CURRENT	5-50 mA max.
CONTACT RATING (NOTE 1)	1.5 W max.
CURRENT CONSUMPTION	-
VOLTAGE DROP	5 V max.
LEAKAGE CURRENT	Less Than 1 mA
INDICATOR	Red LED : unstable sensing range    Green LED : stable sensing range
CABLE	ø5.4, 2C, PVC
OPERATING TIME	50 ms max.
MAGNETIC FEILD RESISTANCE (NOTE 2)	16000A
MAGNET REQUIREMENT (NOTE 3)	80 Gauss
TEMPERATURE RANGE	-10~60°C
SHOCK (NOTE 4)	30 G
VIBRATION (NOTE 5)	9 G
ENCLOSURE CLASSIFICATION	IEC 529 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. The operational distance can be 0 mm between KT-1000D and welding gun (welding conductor or cable) when the welding current less than 16000 A.
3. Measuring standard target: ø15.5Xø8X5t (Anisotropy rubber magnet)
4. Sin wave / X , Y , Z 3 directions / 3 times each direction / 11 ms each time.
5. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X , Y , Z 3 directions / 1 hour each time.
6. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

**ORDERING INFORMATION**

**WT - 1000D -**



Cable Length / Connector

- Blank: With 3 meter cable
- 2M: With 2 meter cable
- 4M: With 4 meter cable
- QD: With M12 4Pin male connector

Mounting clamps

**BP - 4045**

Cylinder bore size

- 40: Ø40
- 50: Ø50
- 63: Ø63

Cylinder tube outer diameter

- 45: Ø45
- 47: Ø47
- 55: Ø55
- 58: Ø58
- 68: Ø68
- 72: Ø72