Blue Pot contactless

Contactless Angle Sensor

<RoHS Compliance>

CP-2UN
CP-2UTN

■FEATURES

- Substitute model of CP-2UX and CP-2UTX
- Low current consumption
- Compact & light weight
- Low torque

Electrical Angle	±45°
Output Sensitivity	2%Vin/10° MIN.
Independent Linearity	±2%FS (FS=90°)
Input Impedance	14±50% (7～21KΩ)
Input Voltage	DC 10V MAX.
Load Resistance	5MΩ MIN.

Mechanical Angle	360° Endless
Torque	0.05mN・m MAX.
Weight	Approx.10g
Shaft Radial Load	5N
Shaft Thrust Load	1N

Vibration	200m/S^2 3axes 2hours each
Shock	1000m/S^2 3Axis 6Directions 3Times each
Operating Temp.	-40～100℃
Storage Temp.	-40～100℃

OPTIONS

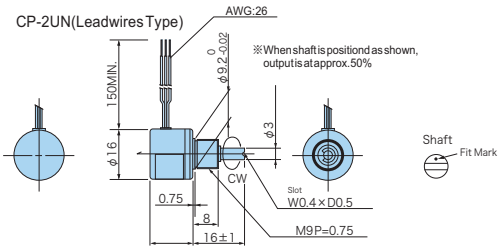
・Built-in Temp Compensate Resistance

Temp. Compensting Range & Temp. Characteristics

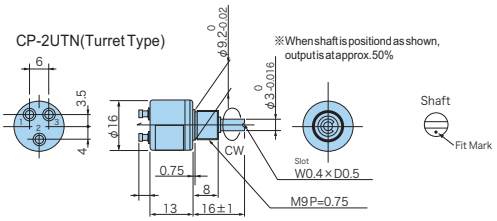
	TCA	TCB	TCC
Temp.Range	0～60℃	-20～80℃	-30～100℃
At 0°	±0.5°	±0.5°	±0.8°
At ±45°	±3.5°	±6°	±8°

■DIMENSION

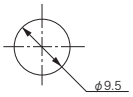
CP-2UN(Leadwires Type)



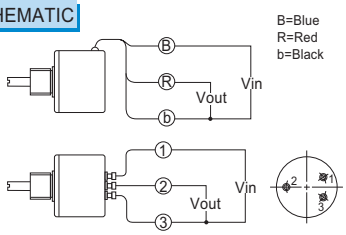
CP-2UTN(Turret Type)



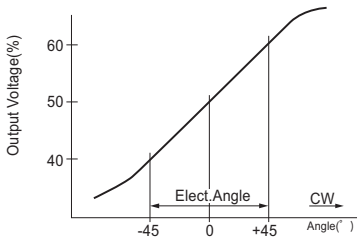
■MOUNTING



■SCHEMATIC



■OUTPUT CHARACTERISTICS



■MOUNTING HARDWARE

M9 nut, Lock Washer

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