Green Pot — Conductive Plastic Angle Sensor

〈RoHS Compliance〉

CP-2FB (b)

■ FEATURES

- Compact & low cost.
- Bushing mount
- 2 Ball Bearings

■ Electrical Specifications

Electrical Angle	340° $^{+2°}_{-3°}$
Total Resistance	0.5、1、2、5kΩ
Total Resistance Tolerance	±20%
Independent Linearity	±1%
Power Rating	0.5W/50℃
Output Smoothness	0.1%MAX.
Insulation Resistance	100MΩMIN. DC 1000V
Dielectric Strength	AC1000V 1 Minute
TC of Resistance	±400ppm / ℃

■ Mechanical Specifications

Mechanincal Angle	360° Endless
Torque	0.5mN·m MAX.
Weight	Approx. 20g
Radial Load	5N MAX.
Thrust Load	2N MAX.

■ Enviromental Specifications

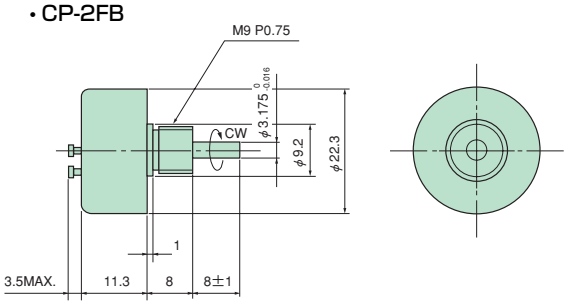
Operating Temperature	−40～100℃
Vibration	150m / s² 2000Hz 3 axis 2hours each
Shock	500m / s² 11ms 6 axis 3times
Life Cycle	10MCycle MIN.

OPTIONS

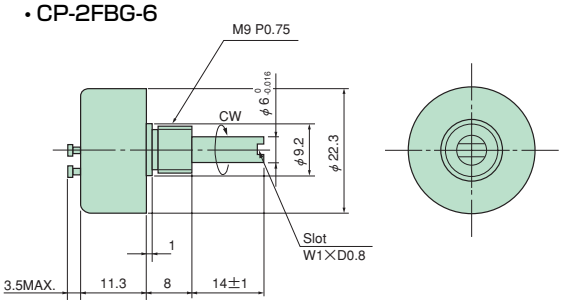
- Meatl Sleeve Bearing "Model CP-2FB(m)"
- φ6 shaft : CP-2FB-6 Teflon coating bearing
- φ6 shaft & O-ring : CP-2FBG-6 Teflon coating bearing

■ DIMENSION (mm)

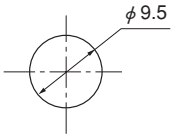
• CP-2FB



• CP-2FBG-6

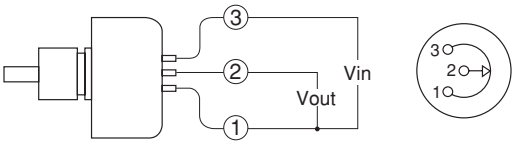


■ MOUNTING



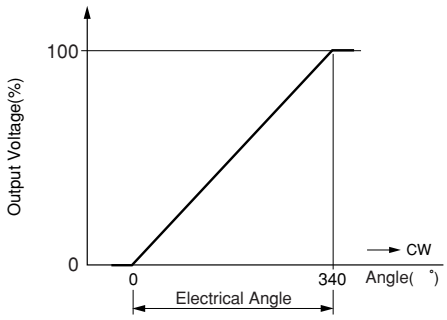
■MOUNTING HARDWARE
1-M9 Nut, 1-Lock Washer

■ SCHEMATIC



1,2,3 indicate terminal No.

■ OUTPUT CHARACTERISTICS



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