

<RoHS Compliance>

CP-2F-10S-RB

FEATURES

- Multi-Turn Potentiometer
- Setting CP-element and Anti-Backlash gears in a compact package
- Ball bearing
- Reliable wide angle position sensing solution

Electrical Specifications

Electrical Angle	3400° $\pm 20^\circ$ / 30°
Total Resistance	1、2、5k Ω
Total Resistance Tolerance	$\pm 20\%$
Independent Linearity	$\pm 1.5\%$ (Including Backlash)
Power Rating	0.5W / 50°C
Output Smoothness	0.1% MAX.
Insulation Resistance	100M Ω MIN. DC 1000V
Dielectric Strength	AC 1000V 1 Minute
TC of Resistance	$\pm 400\text{ppm}/^\circ\text{C}$

Mechanical Specifications

Gear Ratio	10 : 1
Torque	4mN·m MAX.
Repeatability	0.5% MAX. (Including Backlash)
Weight	Approx. 30g
Radial Load	5N MAX.
Thrust Load	3N MAX.

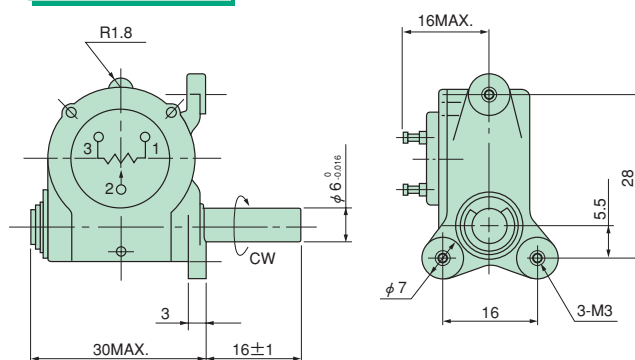
Environmental Specifications

Operating Temperature	-40~100°C
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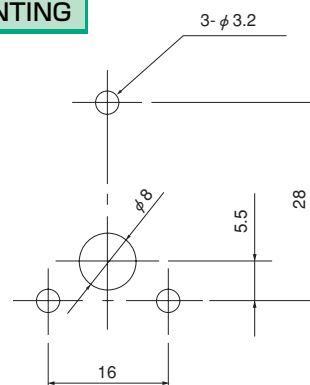
OPTIONS

- Shaft D-cut type: CP-2F-10S-RB-1

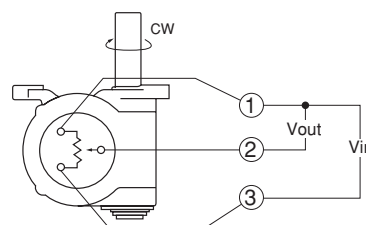
DIMENSION (mm)



MOUNTING

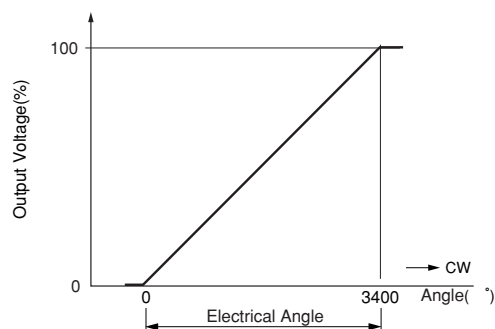


SCHEMATIC



1,2,3 indicate terminal No.

OUTPUT CHARACTERISTICS



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