

36215-MI

Angle Sensor Analog Output

Compact, analog output angle sensor using Hall effect, non-contact technology.

Features: high resolution, smooth rotation and low dynamic noise, hard aluminum body and 304 Stainless steel shaft.

IP40 rated for industrial environments such as water, oil, vibration & shock.

Mechanical Angle: Full 360° rotation with no stops.

Power: 5VDC @ <16mA

Resolution: 360/4096 ~0.088°

Accuracy: 0.3%

Update speed: ~0.6ms

Output signal : Analog 0~5V (ratio) (12-bit DAC)

Start end deviation: <1%·VCC

Load resistance: >10KOhms

ESD: Contact discharge ± 8KV, Air discharge ± 15KV.

Operating Temperature: -30°C ~ +80°C

Storage Temperature: -30°C~+80°C

Rotational moment: <5mN·m

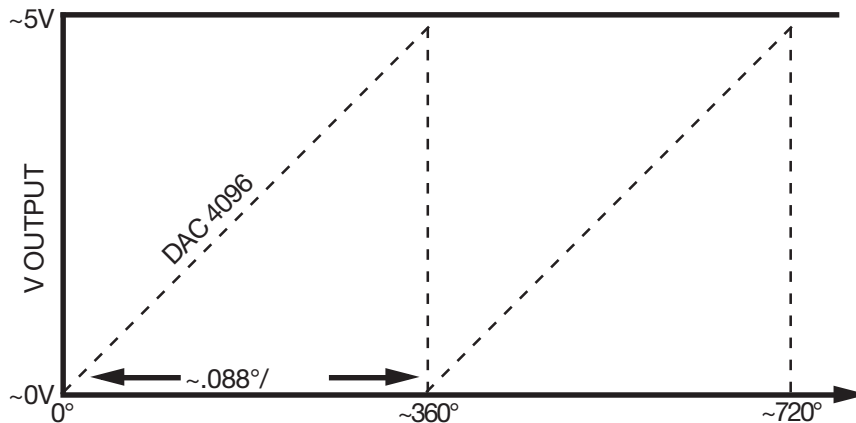
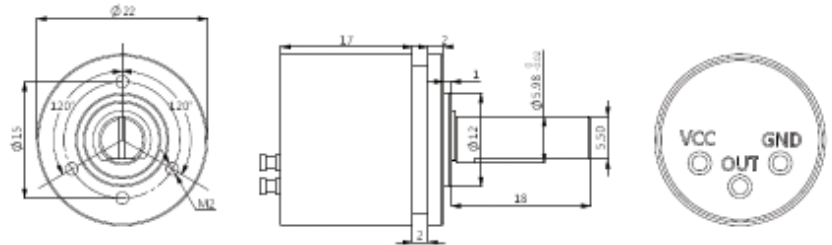
Mechanical life: >50 million revolutions

Includes Mounting Bracket

Terminals: Solder Turret

Shaft: 6mm Dia. x 18mm

DIA: 22mm **L:** 22mm (Body) **WT:** .06



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MARLIN P. JONES & ASSOC., INC.

P.O. Box 530400 Lake Park, FL 33403

800-652-6733 FAX 561-844-8764

WWW.MPJA.COM