

Mechanical Encoders

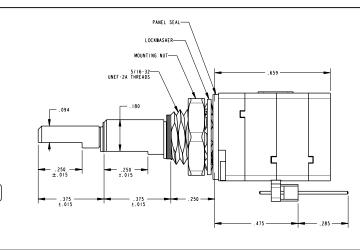
SERIES 20 Concentric Shafts

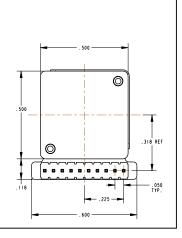
FEATURES

Ø.125

- Compact mechanical encoder with concentric shafts
- Output Code Choices
- Panel and Shaft Seal Option
- Manufactured to ISO 9001 and Military Standards
- Available with a fixed stop or continuous rotation
- Custom Configurations Available

DIMENSIONS in inches





SPECIFICATIONS

1248C

OUTER

Electrical Ratings Switching Loads: 150 mA, 115 Vac 200 mA, 28 Vdc Life Expectancy: 25,000 cycles at rated loads Contact Resistance: 300 mohms max. (less than 100 mohms initially) Insulation Resistance: 1000 Mohms min. (10,000 Mohms initially) Dielectric Strength: 500 Vac min.

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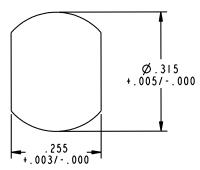
INNER SHAFT OUTPUT

Mechanical Ratings Stop Strength: 5 in-lbs. Rotational Torque: 5 in-oz outer shaft 3.5 in-oz inner shaft Mounting Torque: 12 in-lbs. recommended Operating Temperature Range: -40°C to +85°C Storage Temperature Range: -55°C to +100°C Immersion: 15 psi (33ft) for 30 minutes Pin Dimensions: .018 inch square Hardware Dimensions: Lockwasher: .437 inch diameter, .022 inch thick Hex Nut: 5/16-32 UNEF-2B Thread, .437 inch across flats, .094 inch thick

Materials and Finishes

Terminal Pins: Phosphor bronze with tin over nickel plating Panel Seal: Buna-N rubber, adhesive coated Lockwasher: Spring steel with zinc plating Hex Nut: Brass with tin/zinc plating

RECOMMENDED PANEL CUT-OUT



ORDERING INFORMATION (potential combinations)

