BOURNS®

Features

- Large package size - 46 mm diameter
- “Metalized” plastic dial body
- Strong locking brake
- Economical
- Ideal for use with 10-turn potentiometers

Applications

- Automation equipment
- Medical instrumentation excluding critical life support applications
- Test instrumentation
- Industrial machinery

H-550 Turns-Counting Dial

Mechanical and Physical Characteristics

Number of Turns	0 to 11
Dial Divisions	100 per turn
Readability – Over 10 Turns	Within 1/100 of a turn
Torque With Brake Engaged	8.47 N-cm (12.0 oz.-in.) maximum
Markings	Black on clear gray
Locking Brake	Yes
Weight	13 grams (0.46 oz.)
Set Screw	UNC 4/40, one included
Set Screw Tightening Torque	12.00 N-cm (17 oz-in.) minimum 17.65 N-cm (25 oz-in.) maximum
Hex Key Size	0.05 in. hex

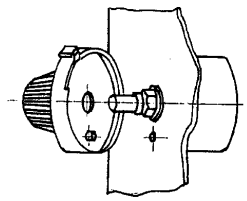
Shaft and Bushing Requirements

Shaft Diameter Requirements	0.635 mm (0.0250 in.) diameter
Shaft Extension Beyond Panel	17.5 mm (0.689 in.) minimum 22.5 mm (0.886 in.) maximum
Bushing Extension Beyond Panel	7.0 mm (0.276 in.) maximum

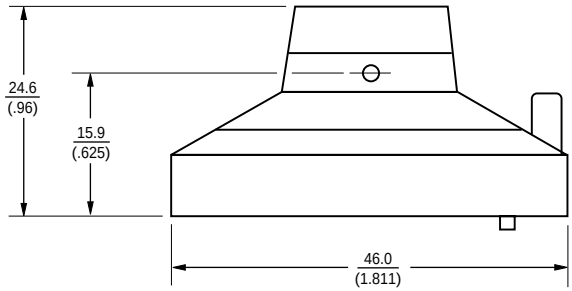
H-550 MOUNTING INSTRUCTIONS

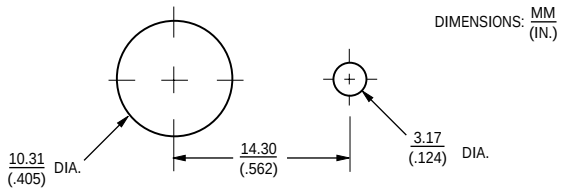
Using the existing Antirotation Lug

1. Drill 3.2 mm (0.125) diameter antirotation pin hole on vertical centerline 14.3 mm (0.562) below center of potentiometer mounting hole.
2. Mount potentiometer shaft counterclockwise to obtain minimum resistance or voltage ratio. This is not necessarily identical with the mechanical stop.
4. Loosen set screws in knob of dial. Set dial to “0.0” reading.
5. While holding outer ring of dial, position unit lightly against panel. Tighten knob set screws to potentiometer shaft.



Dimensional Drawing





PANEL LAYOUT

How to Order

Part Number	Accepts Shaft Diameter	Finish
H-550-6A (10 per box)	6.35 mm (.250 in.)	Grey Metalized Plastic
H-550-6A-1 (1 per box)	6.35 mm (.250 in.)	Grey Metalized Plastic

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