

Features

- Lower profile than Model 6639
- Essentially infinite resolution
- Excellent rotational life
- High quality, rugged construction
- Recommended for HMI applications
- Cost and space saving

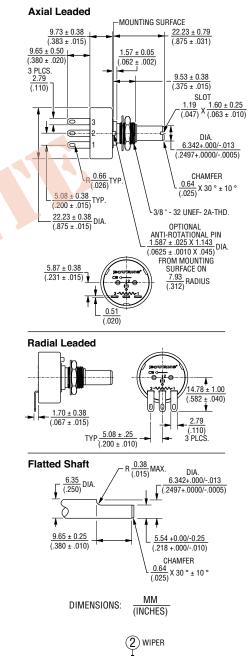
Optional anti-rotation lug

Optional mechanical stop

Product Dimensions

6630 - Precision Potentiometer

Electrical Characteristics¹ Total Resistance Tolerance±15 % Sea Level Power Rating (Voltage Limited By Power Dissipation or 300 VAC, Whichever is Less) +125 °C 0 watt Insulation Resistance (500 VDC) 10 megohms minimum Resolution...... Essentially infinite Environmental Characteristics¹ Operating Temperature Range -40 °C to +125 °C Storage Temperature Range -65 °C to +125 °C Temperature Coefficient ±500 ppm/°C maximum Vibration -15 G Wiper Bounce 0.1 millisecond maximum Total Resistance Shift -5 biff Voltage Ratio Shift......±0.5 % Shock..... Mechanical Characteristics¹ Mechanical Angle Continuous, Stops (340 ° +8 °, -0 °) available Torque (Starting & Running)² 0.40 N-cm (0.5 oz -in.) max Mounting 170-200 N-cm (15-18 lb.-in.) maximum Shaft Runout 0.13 mm (0.005 in.) T.I.R. Shaft Fadial Play 0.13 mm (0.005 in.) T.I.R. Shaft Radial Play 0.13 mm (0.005 in.) T.I.R. Marking......Manufacturer's name and part number, resistance value and is shipped with potentiometer.



CLOCKWISE -



WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

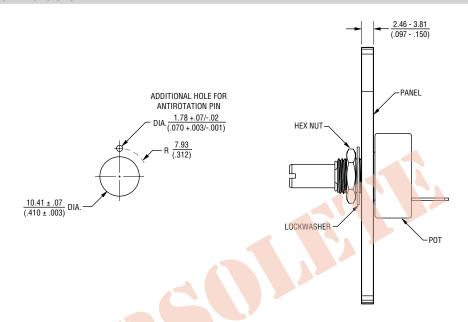
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

¹ At room ambient: +25 °C nominal and 50 % relative humidity, except as noted.

² 2.82 N-cm (4.0 oz.-in.) max. at -40 °C.

Panel Thickness Dimensions

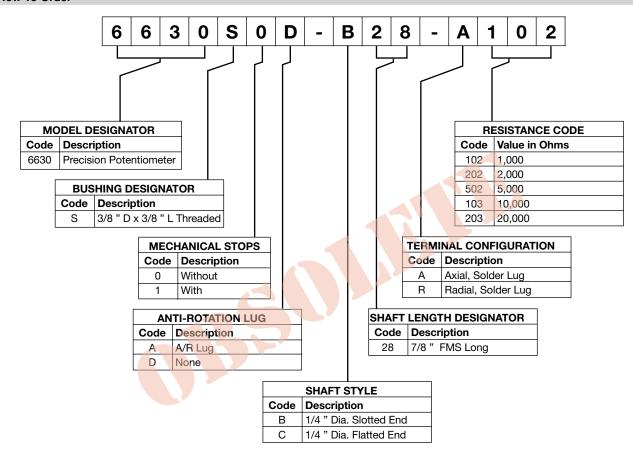


Anti-rotation pin hole is shown at six o'clock position for reference only. The actual location is determined by the customer's application. Refer to the front view of the potentiometer to see the location of the optional A/R pin.

Panel thickness and hole diameters are recommended for best fit. However, customers may adjust the dimensions to suit their specific application.

DIMENSIONS: $\frac{MM}{(INCHES)}$ TOLERANCES: $\pm \frac{0.127}{(.005)}$

How To Order



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