

**46.0 mm Diameter Eleven Turn
Molded Plastic Dial**



KEY BENEFITS

- Excellent readability
- Includes locking brake to secure the set reading
- Precision feel
- High accuracy
- Cost-effective alternative to chrome dials

APPLICATIONS

- Recommended for coupling with a rotary transducer as a counting dial
- Industrial controls

RESOURCES

- Datasheet: Model 21P - <http://www.vishay.com/doc?57017>
- For technical questions contact sfer@vishay.com

Resistors - Cost Effective Alternative



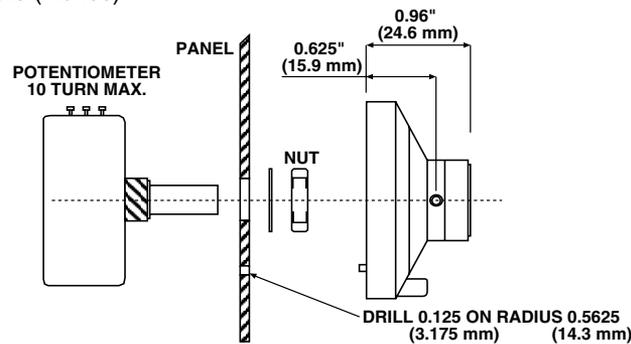
46.0 mm Diameter Eleven Turn Molded Plastic Dial


FEATURES

- Round vernier scale
- 1 $\frac{13}{16}$ " dia. (46.0 mm)
- Material: Plastic ABS mold
- Finish: Metallized clear (aluminum)


**RoHS
COMPLIANT**

MECHANICAL SPECIFICATIONS	
Mounting	Direct to shaft with # 4 - 40 unc hext socket set screw located adjacent to No. 75 on graduated dial
Numeral Size: Counter Wheel Graduated Dial	$\frac{1}{12} \times \frac{1}{16}$ " (2.0 x 1.6 mm) $\frac{1}{8} \times \frac{1}{12}$ " (3.2 x 2.0 mm)
Graduation Size: Numeral and Every Fifth Intermediate Width	$\frac{1}{12}$ " (2.0 mm) $\frac{1}{24}$ " (1.0 mm) 0.01" (0.2 mm)
Weight	13 g
OPERATIONAL SPECIFICATIONS	
Readout and Operation	1099 turns total The number in window (0 thru 10) indicates completed number of turn of the drive sleeve. Graduated circular dial indicates the percent of the partial turn of the drive sleeve
Transfer Point	The number in center of window shall change as graduated dial rotates between 98 and 0
Rotation	Readout shall increase with CW and decrease with CCW rotation
Accuracy	Zero backlash between graduated dial and drive sleeve

DIMENSIONS in millimeters (inches)


ORDERING INFORMATION/DESCRIPTION				
21P	A	11	B010	e
MODEL	SHAFT DIAMETER AND ACCOMODATION	FINISH	PACKAGING	LEAD FINISH
	A $\frac{1}{4}$ " shaft (standard) B 6 mm shaft	Metallized clear (aluminium)		
Example: 21P - A - 11				

Revision 23-Jan-07

SAP PART NUMBERING GUIDELINES			
21P	A	11	B10
MODEL	SHAFT DIAMETER	FINISH	PACKAGING