25.4 mm Diameter Eleven Turn Dial

**FEATURES**
- Round vernier scale
- 1" diameter
- 1/4" or 1/8" shaft adapter
- Brushed chrome finish with black markings
- Satin chrome finish with black or white markings
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

**QUICK REFERENCE DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor type</td>
<td>DIALS</td>
</tr>
<tr>
<td>Market appliance</td>
<td>Industrial</td>
</tr>
<tr>
<td>Dimensions</td>
<td>25.4 mm diameter</td>
</tr>
</tbody>
</table>

**MECHANICAL SPECIFICATIONS**

- **Runout**: Dial to be free running and without binds, with axis of drive sleeve perpendicular or in any position within 0.004 per inch (0.10) out of perpendicular with the mounting face.
- **Mounting**: Directly to shaft with #2 - 56 spline socket set screw.
- **Numeral Size**: 0.075 height (1.90) × 0.013 width (0.33) of line
- **Graduation size**:
  - Numeral: 0.040" L (1.02 cm)
  - Intermediate: 0.030" L (0.76 cm)
  - Width: 0.010" (0.25 cm)
- **Weight**: 0.7 oz. max. (19.84 g)

**OPERATIONAL SPECIFICATIONS**

- **Indication**: Single counter type wheel and a graduated circular dial registering a total count of 11 turns.
- **Operation**: Single numeral in window (0 thru 10) indicates completed number of turns of the drive sleeve. Graduated circular dial indicates the percent of the partial turn of the drive sleeve.
- **Transfer point**: Between 97 and 0
- **Rotation**: Increasing indication CW direction, Decreasing indication CCW direction
- **Accuracy**: Zero backlash between dial and the drive sleeve

**DIMENSIONS** in inches (millimeters)

**ORDERING INFORMATION / DESCRIPTION**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 A 11 BO10 e</td>
<td>MODEL SHAFT DIAMETER FINISH AND OTHER FEATURES PACKAGING LEAD FINISH</td>
</tr>
<tr>
<td>B</td>
<td>1/8&quot; shaft adapter</td>
</tr>
</tbody>
</table>

Example: 11 - A - 11

**SAP PART NUMBERING GUIDELINES**

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>11 A 11 B10</td>
<td>MODEL SHAFT DIAMETER FINISH PACKAGING</td>
</tr>
</tbody>
</table>

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For technical questions, contact: sferprecisionpot@vishay.com

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