

## 46.02 mm Diameter 15 Turn Dial



### FEATURES

- Round vernier scale
- 1 13/16" dia.
- 1/4" or 1/8" or 6 mm metric bore shaft adapter
- Satin chrome finish with black markings
- Black chrome finish with white markings
- Brushed chrome finish with black markings
- Material categorization: For definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)



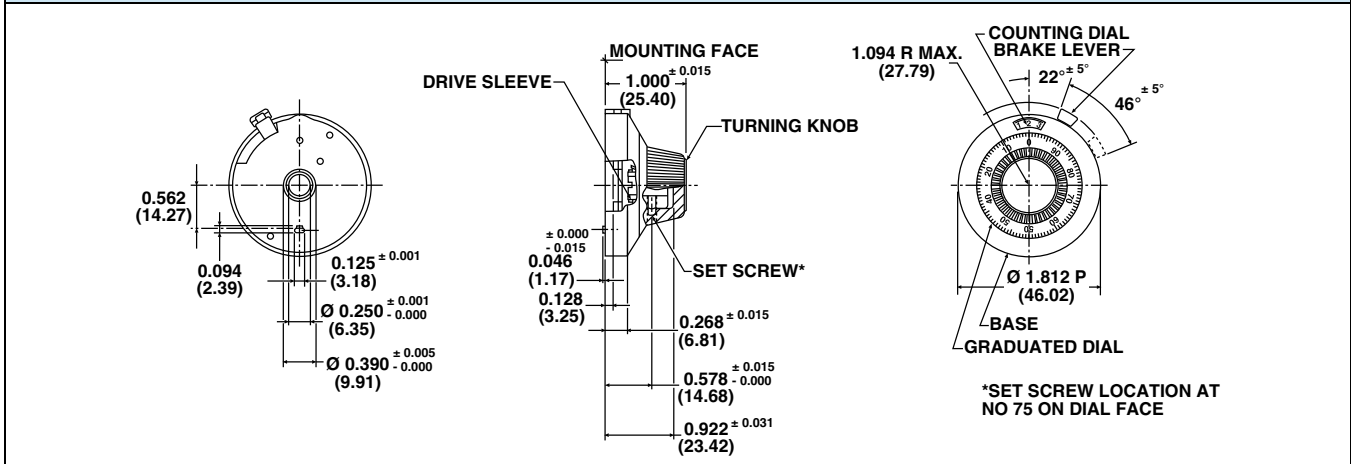
RoHS  
COMPLIANT

| QUICK REFERENCE DATA |            |
|----------------------|------------|
| Sensor type          | DIALS      |
| Market appliance     | Industrial |
| Dimensions           | 46 mm dia. |

| MECHANICAL SPECIFICATIONS   |  |
|---|--|
| PARAMETER   |  |
| Mounting  | Direct to shaft with # 4 to 40 hex socket set screw located adjacent to no. 75 on graduated dial |
| Numeral size:<br>Counter wheel:<br>Graduated dial:                    | 0.90" H x 0.013" W (2.29 cm x 0.33 cm)<br>0.109" x 0.018" (2.77 cm x 0.46 cm)                    |
| Graduation size:<br>Numerals and every Fifth<br>Intermediate<br>Width | 0.55" L (1.40 cm)<br>0.035" L (0.89 cm)<br>0.012" (0.30 cm)                                      |
| Weight  | 3.0 max. (85.05)   |

| OPERATIONAL SPECIFICATIONS |   |
|----------------------------|---|
| Readout and operation      | 1499 turns total<br>The number in window (0 thru 14) 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             | The number in center of window shall change as graduated dial rotates between 94 and 0  |
| Rotation                   | Readout shall increase with clockwise and decrease with counterclockwise rotation   |
| Accuracy                   | Zero backlash between graduated dial and the drive sleeve   |

### DIMENSIONS in inches (millimeters)



### ORDERING INFORMATION/DESCRIPTION

| 21    | A   | 11   | B010      | e           |
|-------|---|--|-----------|-------------|
| MODEL | SHAFT DIAMETER AND ACCOMODATION   | FINISH AND OTHER FEATURES  | PACKAGING | LEAD FINISH |
|       | A 1/4" shaft (standard)<br>B 6 mm metric bore shaft adapter<br>C 1/8" Shaft adapter | 11. Satin chrome, black markings<br>21. Black chrome, white markings<br>31. Brushed chrome, black markings |           |             |

Example: 21 - A - 11

### SAP PART NUMBERING GUIDELINES

| 21    | A              | 11     | B10       |
|-------|----------------|--------|-----------|
| MODEL | SHAFT DIAMETER | FINISH | PACKAGING |



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