

## 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](http://www.vishay.com/doc?99912)



RoHS  
COMPLIANT

### QUICK REFERENCE DATA

Sensor type	DIALS
Market appliance	Industrial
Dimensions	25.4 mm diameter

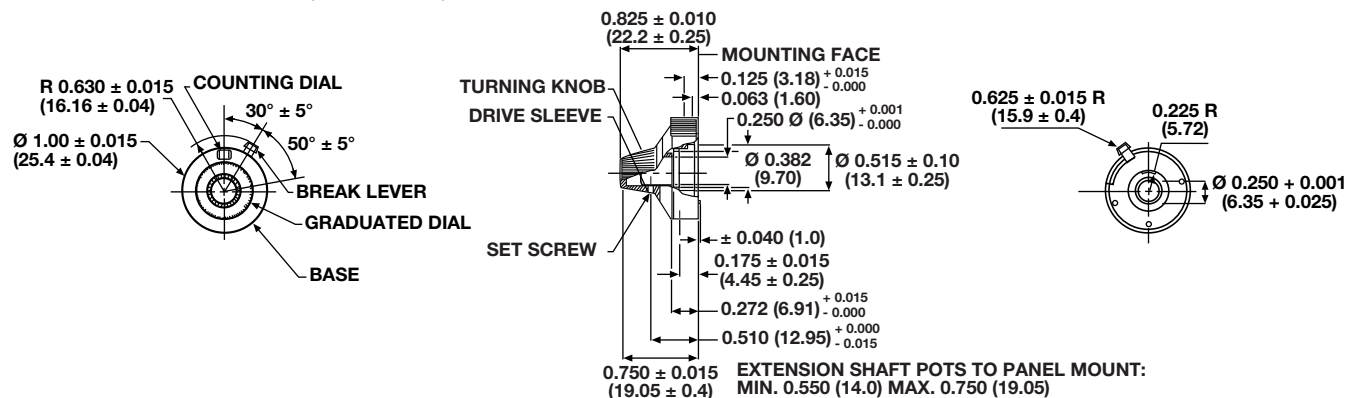
### MECHANICAL SPECIFICATIONS

PARAMETER	
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. Drive sleeve set screw on lower side of vertical center line with a graduated circular dial reading of 0
Numeral Size	0.075 height (1.90) x 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

11	A	11	BO10	e
MODEL	SHAFT DIAMETER	FINISH AND OTHER FEATURES	PACKAGING	LEAD FINISH
	A 1/4" shaft (standard)	11. Satin chrome, black markings		
	B 1/8" shaft adapter	31. Brushed chrome, black markings		
		41. Satin chrome, white markings		
Example: 11 - A - 11				

### SAP PART NUMBERING GUIDELINES

11	A	11	B10
MODEL	SHAFT DIAMETER	FINISH	PACKAGING



## Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Hyperlinks included in this datasheet may direct users to third-party websites. These links are provided as a convenience and for informational purposes only. Inclusion of these hyperlinks does not constitute an endorsement or an approval by Vishay of any of the products, services or opinions of the corporation, organization or individual associated with the third-party website. Vishay disclaims any and all liability and bears no responsibility for the accuracy, legality or content of the third-party website or for that of subsequent links.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. Product names and markings noted herein may be trademarks of their respective owners.