Model 18 (PR2)
22.2 mm Diameter, 15 Turn Dial

FEATURES

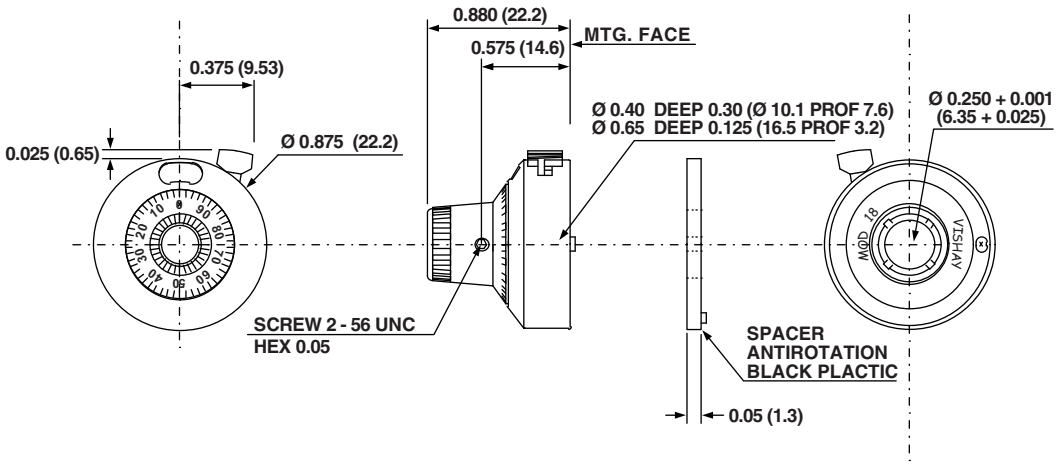
- No backlash
- Compact-requires minimal panel space (22.2 mm diameter requirement)
- For use with precision potentiometers or other rotating devices, up to 15 turns
- Designed for metal shaft
- High force “Click Brake”
- Black color on request
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

RoHS COMPLIANT

QUICK REFERENCE DATA	
Sensor type	DIALS
Market appliance	Industrial
Dimensions	22.2 mm diameter

MECHANICAL SPECIFICATIONS	
Accepts Shaft Diameter	6.35 mm (0.250")/6 mm/3.17 mm (0.125")/3 mm
Number of Turns	0 to 15
Dial Division	50 per turn
Torque with Brake Engaged	5 oz. - in (350 g - cm) min.
Markings	Black or satin chrome
Weight	15 g
Set Srew	UNC 2-56
Hex Key Size	1:27 MM (0.05")
Bushing Extension Beyond Panel	6.35 mm (0.250") max.
Shaft Extension Beyond Panel	18.1 mm (0.710") min. 22.2 mm (0.875") max.

DIMENSIONS in millimeters (inches)



For technical questions, contact: sferprecisionpot@vishay.com

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishay.com/doc?91000

ORDERING INFORMATION/DESCRIPTION

18	A	11	B010	e
MODEL	SHAFT DIAMENTER ACCOMODATION AND FIXINGS	FINISH	PACKAGING	LEAD FINISH
	A $^1/_4$" dia. shaft - 1 set screw **B** 6 mm metric bore - 1 set screw **C** $^1/_8$" dia. shaft - 1 set screw **D** 3 mm metric bore - 1 set screw	**11** Satin chrome, black markings (standard) **21** Black chrome, white markings **41** Satin chrome, white markings		

Example: **18 - A - 11**

SAP PART NUMBERING GUIDELINES

18	A	11	B10
MODEL	SHAFT DIAMETER	FINISH	PACKAGING

For technical questions, contact: sferprecisionpot@vishay.com

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishay.com/doc?91000

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.

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.

© 2019 VISHAY INTERTECHNOLOGY, INC. ALL RIGHTS RESERVED