

**Vishay Spectrol** 

## Rectangular 10 Turn Dial (3 Digit), (4 Digit) 100 Turn



MECHANICAL SPECIFICATIONS				
PARAMETER				
Numerals	The numerals shall be white on a black background and 0.130" H (3.30 cm)			
Mounting	The spring detented knob shall be removed using a straight pull, exposing two No. 4-40 hex socket set screws for mounting the dial directly to the component shaft			
Weight	1.6 oz. (45.36 g)			

**DIMENSIONS** in inches (millimeters)

## FEATURES

- Rectangular digital scale
- 1" wide
- $1/_4$ " or  $1/_8$ " or metric (6 mm) shaft adapter
- Open or clear plastic window bezel
- · Black anodize finish with standard or white bezel trim
- Satin clear anodize finish

OPERATIONAL SPECIFICATIONS				
Operation 3 Digit (10 turn) Left Digit Right Two Digits	Complete revolutions of turning knob Percent of revolution The unit registers a total count of 999			
Operation 4 Digit (100 Turn) Left Two Digits Right Two Digits	Complete revolutions of turning knob Percent of revolution The unit registers a total count of 9999			
Rotation	The indication shall increase with clockwise rotation of the turning knob			
Accuracy	Graduation lines adjacent to the numerals on the right digit wheel indicate settings 0.2 % of a revolution of the turning knob			
Phasing	Dial phased by rotating the exposed component shaft to correspond with the desired reading on the dial prior to tightening the set screws			

## 0.812 MIN. (20.62) COVER 1.000<sup>± 0.015</sup> 0.625<sup>± 0.015</sup> + 0.000 - 0.015 0.093 (2.36) BASE (25.40)(15.88) + 0.125 (3.18) WINDOW BEZEL 0.094 ± 0.015 (2.39) ololo H 0.750 (19.05) 1.280 (32.51) TURNING KNOB (44.45) 1.950 MAX. +Ø 0.495 + (12.57) 0.695 Ø (17.65) (49.53) -<sup>1</sup>0.250 Ø (6.35)<sup>+0.002</sup> ± 0.002 0.750 (19.05) 0.128 Ø (NO. 30 DRILL) (3.25) BRAKE LEVER KNOB 0.165 (4.19) ON SETSCREWS 2 PLCS 90° APART OFF 0.135 (3.42) **G** COMPONENT SHAFT HOLE TRAVEL ± 0.015 5.95 (15.11)→ MOUNTING HOLE PATTERN 00001 1.000 MAX. (25.40)

15	Α	1	1	B010	е
MODEL	SHAFT DIAMETER AND NUMERCIAL DISPLAY	BEZEL	FINISH	PACKAGING	LEAD FINISH
Example: <b>15 - A - 1 - 1</b>	<b>A</b> ${}^{1}/{}_{4}$ " dia. 3 digit <b>B</b> ${}^{1}/{}_{4}$ " dia. 4 digit <b>C</b> ${}^{1}/{}_{8}$ " dia. 3 digit <b>D</b> ${}^{1}/{}_{8}$ " dia. 4 digit <b>E</b> 6 mm dia. 3 digit <b>F</b> 6 mm dia. 4 digit	1. Open 3. Clear plastic window	<ol> <li>Satin clear anodize</li> <li>Black anodize, white bezel trim</li> <li>Black anodize</li> </ol>		

SAP PART NUMBERING GUIDELINES							
15	Α	1	1	B10			
MODEL	SHAFT DIAMETER	BEZEL	FINISH	PACKAGING			





Vishay

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