

Features

- Compact, requires only 22.8 mm diameter panel space
- No backlash
- For use with precision potentiometers or other rotating devices up to 15 turns
- Designed for use with plastic shafts
- RoHS compliant*

H-516 Turns-Counting Dial

Mechanical and Physical Characteristics

Number of Turns	0 to 15
Dial Divisions	50 per turn
Readability - Over 10 Turns	2 parts in 1000
Torque With Brake Engaged	5.0 N-cm (7.0 oz-in.) minimum
Markings	White on black background
Locking Brake	Yes
Weight	7 grams (0.25 oz.)
Screws	Slotted 4-40UN, 2 screws included, 120 ° apart
Screw Tightening Torque	16.94 N-cm (1.5 lbs.-in.) minimum

Shaft and Bushing Requirements

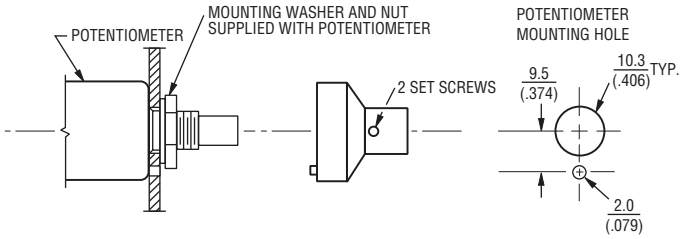
Shaft Diameter Requirements	Refer to chart below
Shaft Extension Beyond Panel	17.5 mm (0.6890 in.) minimum 22.5 mm (0.8858 in.) maximum
Bushing Extension Beyond Panel	10 mm (0.3937 in.) maximum

Environmental Characteristics

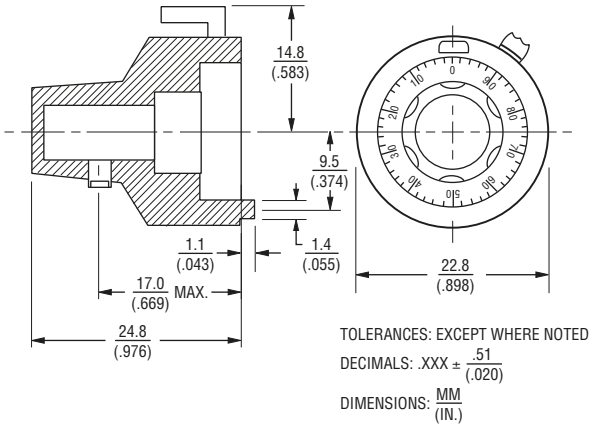
Moisture Sensitivity Level	1
ESD Classification (HBM)	N/A

H-516 MOUNTING INSTRUCTIONS

1. Drill 2.0 mm (.0787 in.) diameter anti-rotation pin hole on vertical centerline, 9.5 mm (.375 in.) below center of potentiometer mounting hole.
2. Mount potentiometer in panel with nut and lockwasher supplied with the potentiometer.
3. Turn potentiometer shaft counterclockwise to obtain minimum resistance or voltage ratio. This is not necessarily identical with mechanical stop.
4. Loosen set screws in knob of dial. Set dial to “0.0” reading.
5. While holding outer ring of dial, position unit lightly against panel. Tighten knob set screws to potentiometer shaft.



Product Dimensions



How To Order

Part Number	Accepts Shaft Diameter	Finish
H-516-3A	3.17 mm (.125)	Satin Chrome
H-516-6A	6.35 mm (.250)	Satin Chrome
H-516-6M	6 mm (.236)	Satin Chrome

WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

REV. 08/17

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
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