

MODEL 15 MULTIDIAL[®]

PRINCIPLES OF OPERATION

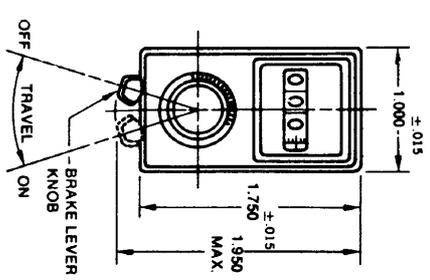
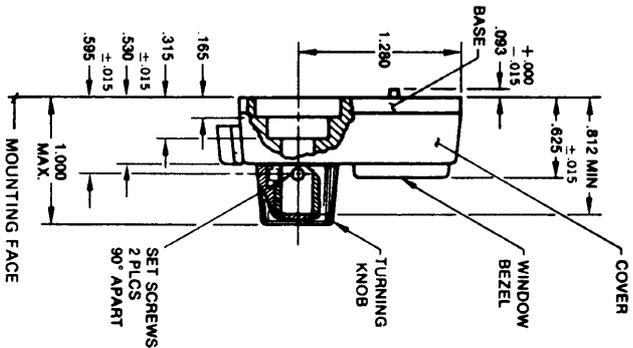
The left-hand numeral of the Model 15 Multidial indicates the total number of revolutions of the drive sleeve (component shaft) that have been completed. The center numeral and right numeral indicate tenths and hundredths of a revolution, respectively. The graduations between the numerals on the right digit wheel can be read to one five-hundredth of a revolution of the drive sleeve.

Example: If the reading in the window displays 652, the reading is 6 turns plus 52% of the seventh turn. Use of the graduations can further subdivide the reading at this setting.

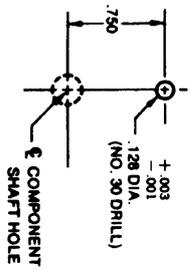
MOUNTING INSTRUCTIONS

The following instructions apply when the Model 15 Multidial is panel-mounted in conjunction with Spectrol 500 or 800 series potentiometers or other rotary components:

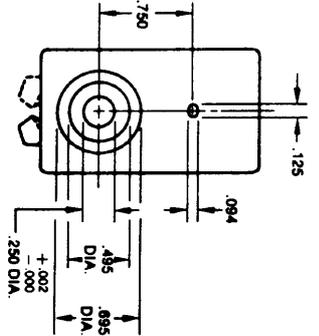
- ① Provide a hole in the panel for the nonturn lug on the rear of the dial. The preferred dimensions are shown in the mounting hole pattern outline at right.
- ② Mount the potentiometer or component to the panel.
- ③ Prepare the Model 15 Multidial for mounting by:
 - a. Rotating the dial to the desired reading.
 - b. Locking the brake.
 - c. Removing the spring-detented knob with a straight pull to expose the mounting set screws.
- ④ Place the dial over the component shaft and engage the nonturn lug into the hole provided in step 1.
- ⑤ Rotate the exposed component shaft to phase the component output to the preselected dial reading.
- ⑥ Tighten the set screws against the component shaft, replace the spring-detented knob, and release the brake.
- ⑦ The dial is now ready to operate.



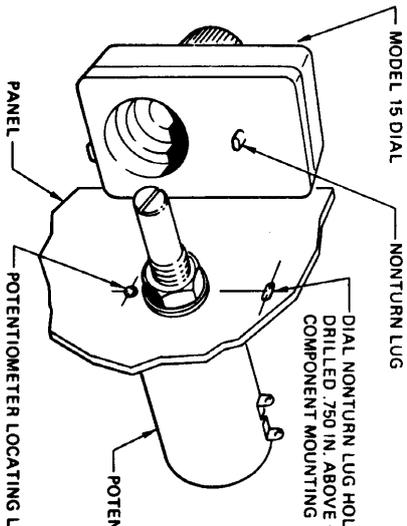
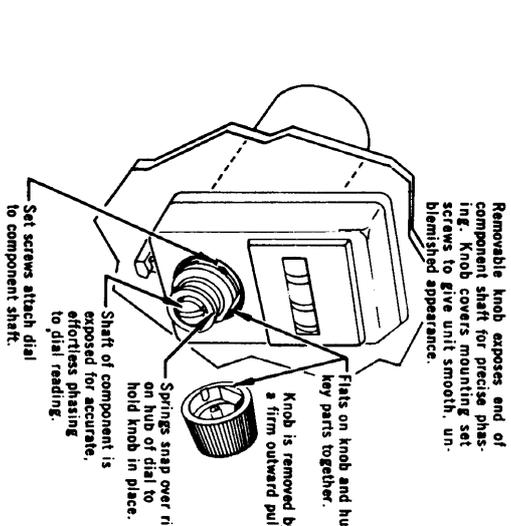
TOLERANCES — Unless specified:
Decimal ± .005; Angles ± 2°



MOUNTING HOLE PATTERN



REAR VIEW





**SPECTROL'S COMPLETE LINE OF MULTIDIALS
TO MEET YOUR REQUIREMENTS**

All units shown 1/8" size



Model 11
1" Dia.



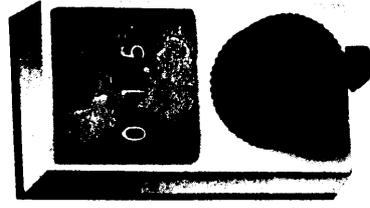
Model 16
7/8" Dia.



Model 15
1" Wide
(Available in
3- and 4-digit
readout)



Model 21
1-13/16" Dia.



REFERENCE CHART FOR COMPLETE LINE OF MULTIDIALS

MODEL	15-1-11	15-2-11	16	21
Number of Turns	10	100	15	15
Scale Division	1/500 turn	1/500 turn	1/50 turn	1/100 turn
Bar	.250 (6.35)*	.250 (6.35)*	.250 (6.35)*	.250 (6.35)*
Finish	Satin Chrome	Satin Chrome	Clear Anodize	Satin Chrome
Size	1.000 (25.40) 1.750 (44.45) h	1.000 (25.40) 1.750 (44.45) h	.875 dia. (22.22)	1.812 dia. (46.04)
Depth	1.000 (25.40)	1.000 (25.40)	.975 (22.22)	1.000 (25.40)
Weight	1.6 (45.40)	1.6 (45.40)	0.7 (19.84)	3.0 (85.05)

*Dimensions for 1/8" diameter shaft available.



SPECTROL RELIANCE LTD.
DRAKES WAY, SWINDON, WILTS.
ENGLAND
TELEX 44692 (0793) 521351
TELEFAX (0793) 539255

Mounting Instructions for Model 15

Precision Turns — Counting Multidial®