

MICRO SWITCH

A DIVISION OF HONEYWELL INFORMATION SYSTEMS
FED. MFR. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

51ML9

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH A DIVISION OF HONEYWELL THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

M

(M) 51ML9
ISSUE 5

REPLACES

51ML9

M

DRAWING
NUMBER

ISSUE
X 12
8 8

RELEASE NO.

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CHARACTERISTICS

OPERATING FORCE ----- 4 LBS. MAX.
FULL OVERTRAVEL FORCE ----- 8 LBS. MAX.
RELEASE FORCE ----- 3/4 LB. MIN.
PRETRAVEL ----- ③ ----- 12° MAX.
DIFFERENTIAL TRAVEL ----- ④ ----- 4° MAX.
OVERTRAVEL ----- ⑤ ----- 168° MIN.
SWITCH-BASIC REPLACEMENT ----- [MK]

ELECTRICAL DATA

CONTACT ARRANGEMENT
S. P. D. T.
BREAK DISTANCE
20 A-120, 240, 480 OR 600 VAC; 3/4 HP-120 VAC;
1 1/2 H.P.-240 VAC; 1/2 A-115 VDC; 1/4 A-230 VDC.
PILOT DUTY RATING: 600 VAC MAX.

SCALE 1/2 TO 1

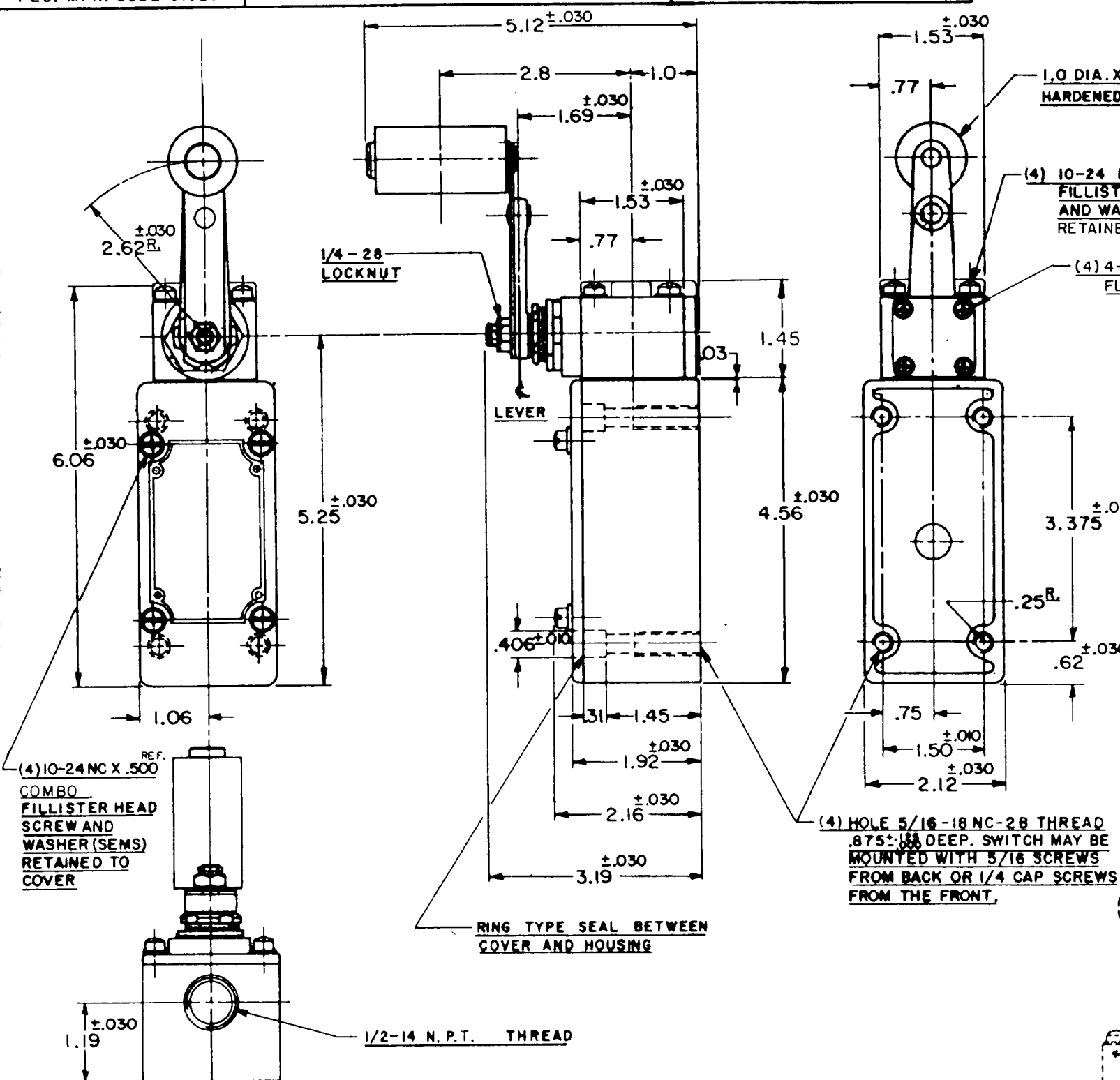
DO NOT SCALE PRINT

UNLESS OTHERWISE
SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

ONE PLACE (.0) ±.030
TWO PLACE (.00) ±.015
THREE PLACE (.000) ±.005
ANGLES ±

WEIGHT



NOTE-

- 1-CATALOG LISTING 51ML9 SWITCH IS ASSEMBLED FOR ACTUATION IN THE CLOCKWISE DIRECTION ONLY.
- 2-ROLLER LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX. 0.4° (870 POSITIONS).
- 3-ROLLER LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE COUNTER CLOCKWISE DIRECTION ONLY, OR IN THE CLOCKWISE DIRECTION ONLY. (SEE NOTES 1 AND 4)
- 4- TO CONVERT SWITCH FOR COUNTER CLOCKWISE ACTUATION, REMOVE LOCKNUT, LEVER AND WASHERS. REMOVE COVER PLATE, LOCKRING AND CLOCK SPRING. POSITION SHAFT SUCH THAT ROTATION IN EITHER DIRECTION OPERATES SWITCH, THEN ROTATE 180°, ASSEMBLE SPRING WITH END POSITIONED AGAINST STOP AS IN FIG 2 AND INSTALL LOCKRING. POSITION STOP WASHER PER FIG.1 PLACE PART WAY ON AND TURN 180° COUNTER CLOCKWISE WITH WRENCH THEN PRESS STOP WASHER ONTO SHAFT TO ENGAGE STOP AND REASSEMBLE REMAINING WASHER, LEVER AND NUT.
- 6- IT IS ESSENTIAL TO PREVENT ENTRANCE OF HARMFUL AGENTS THRU THE CONDUIT OPENING TO OBTAIN THE FULL BENEFIT OF THE SEALED CONSTRUCTION PROVIDED IN THIS UNIT.

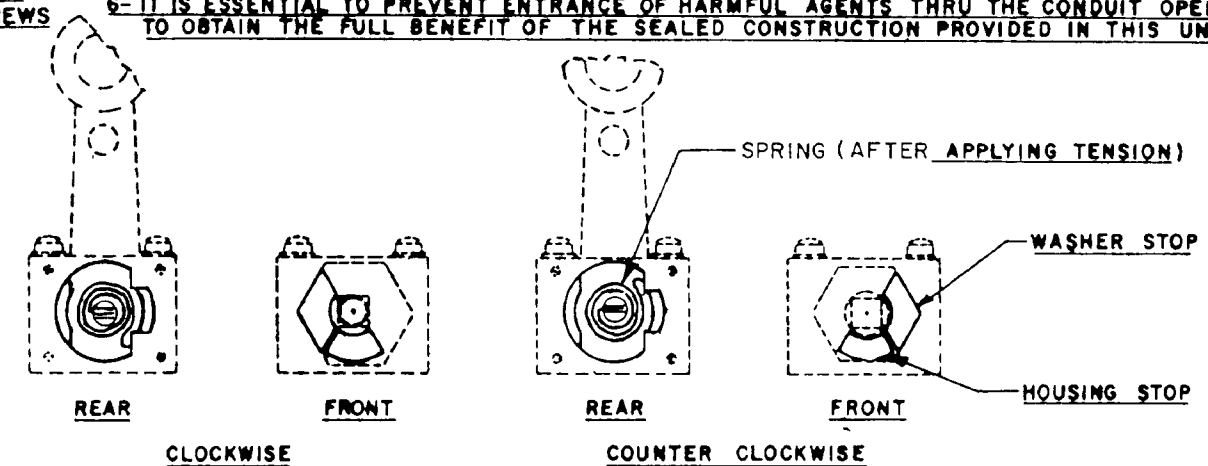


FIG. 1

FIG. 2

