

# MICRO SWITCH

A DIVISION OF HONEYWELL REGULATORY COMPANY  
FREEPORT, ILLINOIS

FED. MFR. CODE 91929

# SWITCH - ENCLOSED

CATALOG LISTING

## 51ML1

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ISSUE 4

51ML1

DRAWING NUMBER

REPLACES

ISSUE

CHECK

REVISIONS

A CO 8520

B CORR.

C CO11247

D CO12789

E CO18841

F CO20578

G CO26064

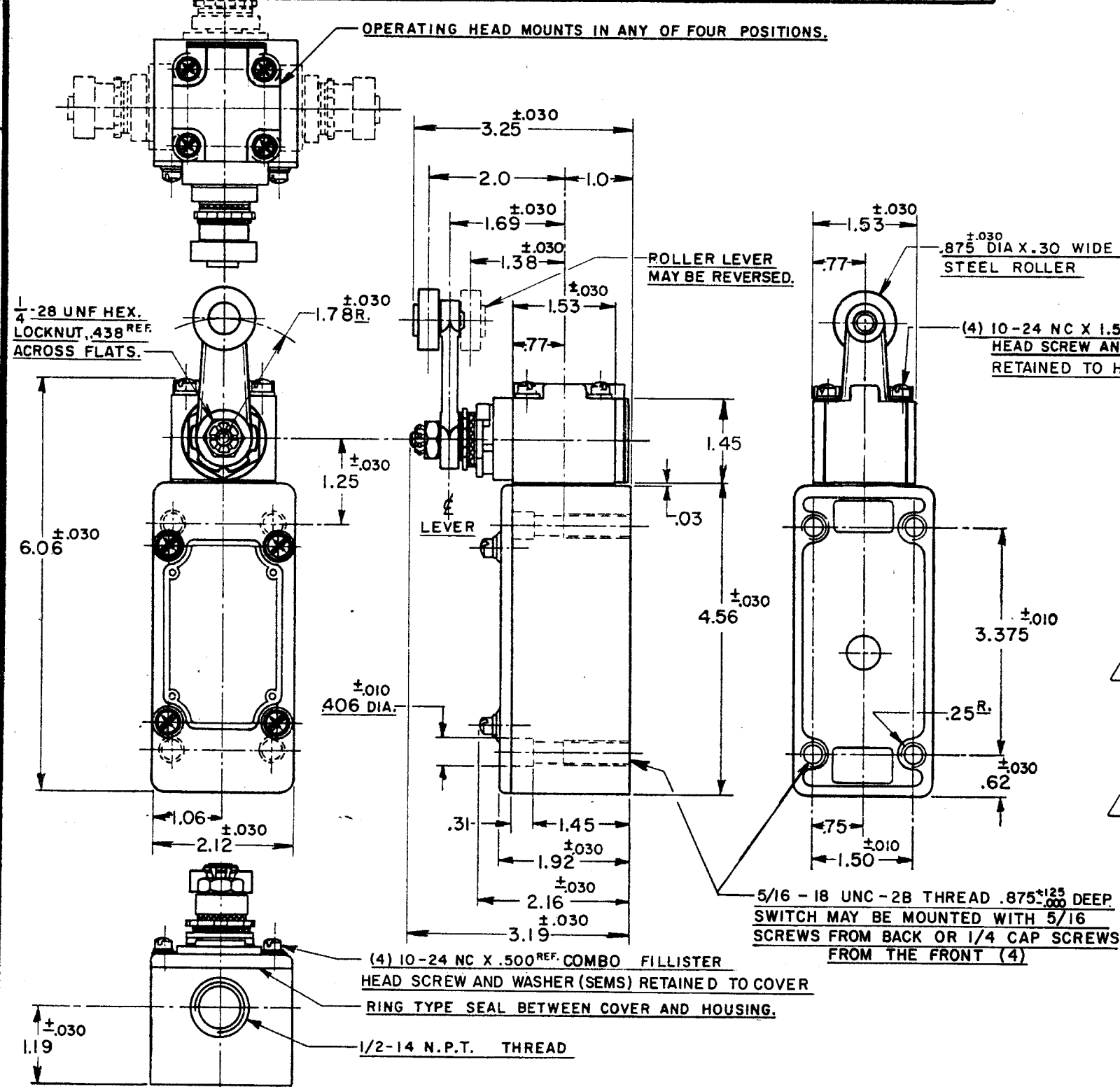
H CO52194

J CO55051-B

K CO74287

DRAWN

74-983



### NOTES

- 1 - 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
- 2 SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION
- 3 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)
- 4 - LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY, OR IN BOTH DIRECTIONS
- 5 TO CONVERT SWITCH FOR ACTUATION IN EITHER CLOCKWISE OR COUNTER-CLOCKWISE DIRECTION ONLY, REMOVE THE HEAD AND SLIDE THE CAM TOWARD THE REAR OF THE HEAD SUFFICIENTLY TO DISENGAGE FROM THE FLATS ON THE SHAFT. ROTATE THE CAM 90° IN THE OPPOSITE DIRECTION OF THE ACTUATION DESIRED AND RE-ENGAGE THE CAM WITH THE FLATS ON THE SHAFT

### CHARACTERISTICS

OPERATING FORCE	3 LBS. MAX.
FULL OVERTRAVEL FORCE	4 LBS. MAX.
RELEASE FORCE	1/4 LB. MIN.
PRETRAVEL	12° MAX.
DIFFERENTIAL TRAVEL	4° MAX.
OVERTRAVEL	60° MIN.

### ELECTRICAL DATA

CONTACT ARRANGEMENT	S. P. D. T.
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

SWITCH-BASIC REPLACEMENT - IMKI



R. L. Z. 12 OCT. 56

G. C. H. 24 OCT. 56