

MICRO SWITCH

A DIVISION OF AMHERST INDUSTRIES, INC. H
FELDFORD, MINN.

FED MFR CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

51ML10

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DRAWING
NUMBER

ISSUE

REVISIONS

A	CO52194
J A P	26 SEPT 83
B	CO55061-B
J A P	17 DEC 84
C	CO74287
P A W	17 APR 93

REPLACES

RELEASE NO

CHECK

CHECK

30 SEPT 83

CHECK

10

CHECK

10

CHECK

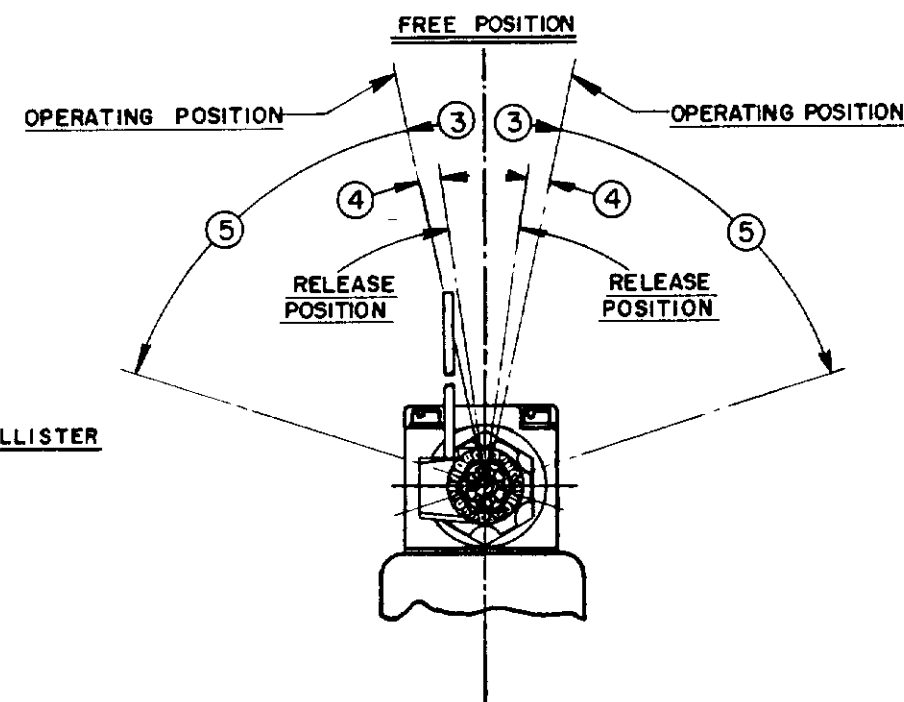
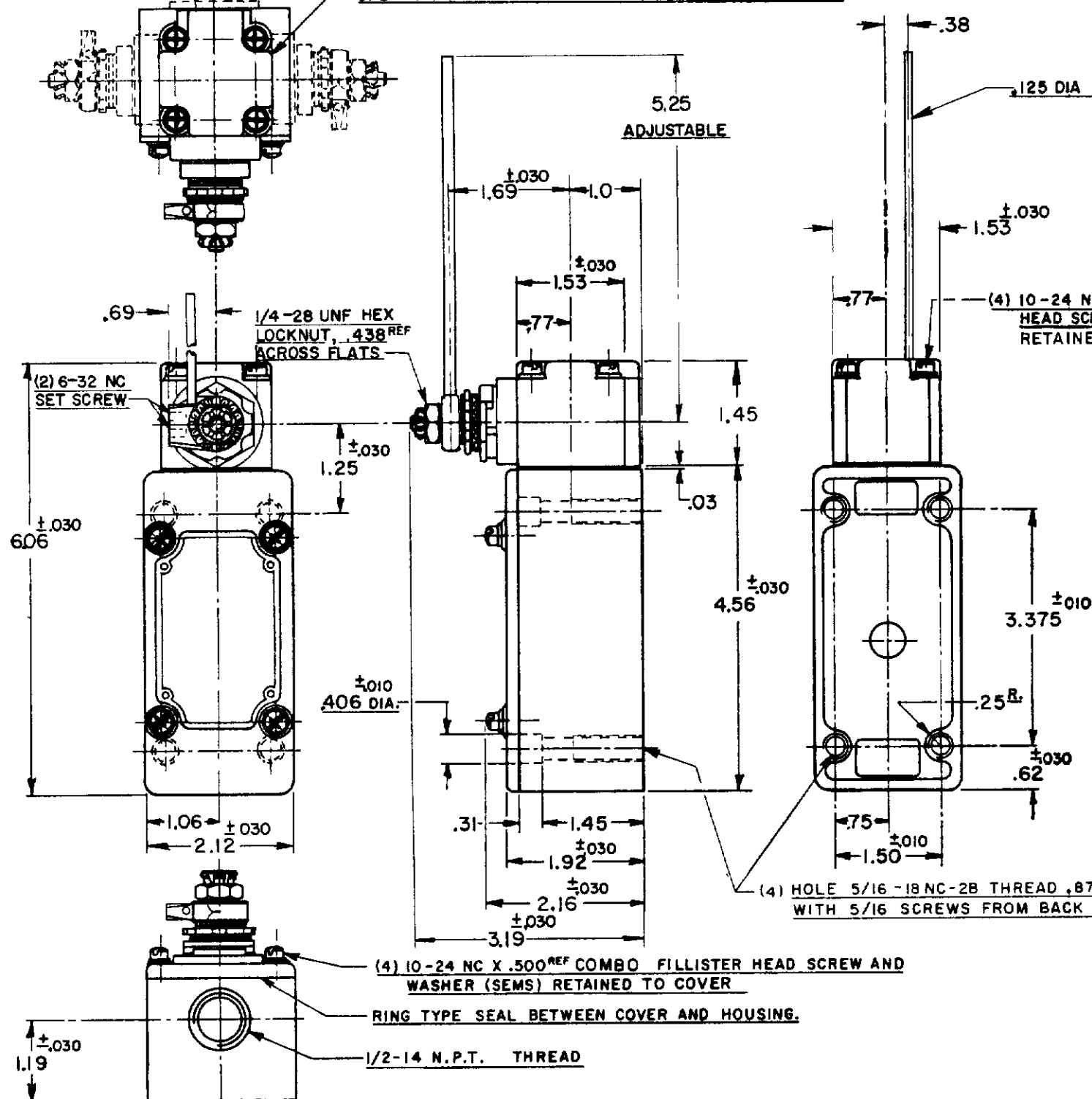
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CHECK

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CHECK

OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS.



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 CLOCKWISE DIRECTION ONLY
- 3 - TO CONVERT SWITCH FOR ACTUATION IN THE 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 180° AND RE-ENGAGE THE CAM WITH THE FLATS ON THE SHAFT
- 4 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)
- 5 - LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY OR THE COUNTER-CLOCKWISE DIRECTION ONLY

CHARACTERISTICS

OPERATING FORCE ----- 5 OZ. MAX
FULL OVERTRAVEL FORCE ----- 7 OZ. MAX
RELEASE FORCE ----- 3/4 OZ. MIN.
PRETRAVEL ----- ③ 12° MAX.
DIFFERENTIAL TRAVEL ----- ④ 4° MAX
OVERTRAVEL ----- ⑤ 60° MIN.
SWITCH-BASIC REPLACEMENT IMK5

ELECTRICAL DATA

CONTACT ARRANGEMENT
S. P. D. T.
20 A-120, 240, 480 OR 600 VAC; 3/4 HP-120 VAC;
1-1/2 HP-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)	±.018
THREE PLACE	(.000)	±.008
ANGLES		±

WEIGHT