MICRO SWITCH
A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR COMPANY
FREEPORT, ILLINOIS
FED. MFR. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
151ML10-E1

M

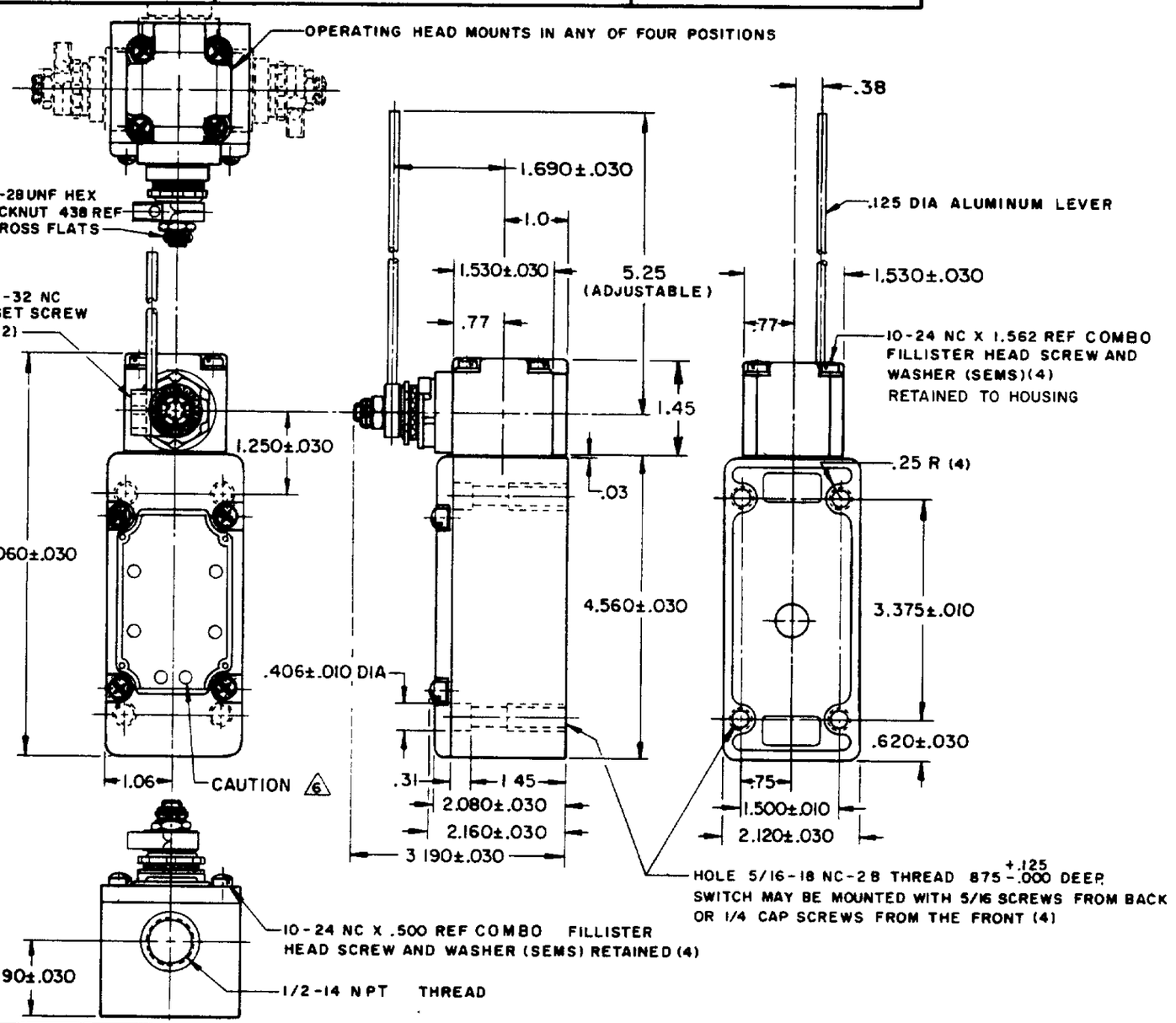
151ML10-E1 | REPLACES | RELEASE NO. SR 9357 | DRAWING NUMBER M | ISSUE X X 9 | CHECK

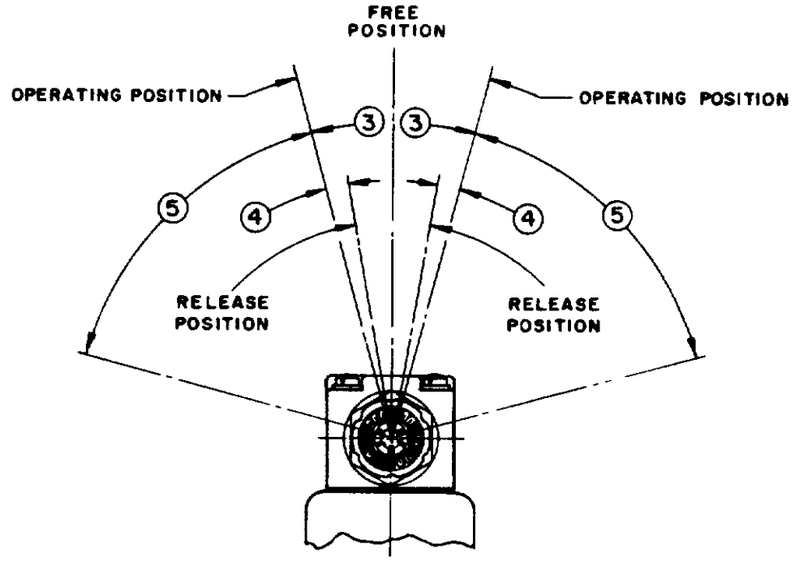
REVISIONS

A	C052194	J A P 23 SEPT 83
B	C058367	JAS 12 NOV 85
C	C055051 C	T A D 6 JAN 86
D	C063739	D J S 15 JUN 86
E	C074287	G J W 23 APR 87

CHECK | 30 SEPT 83 | CHECK | DRAWN J A P 23 SEPT 83

FG-80378-003





NOTES

1 - IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES

2 - SWITCH IS ASSEMBLED FOR ACTUATION IN CLOCKWISE DIRECTION

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 - SHAFT MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY OR THE COUNTER-CLOCKWISE DIRECTION ONLY 2 3

5 - IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES OF THIS UNIT DO NOT OBSTRUCT THE HOLES IN THE COVER PLATE

6 - LISTED BY UNDERWRITERS LABORATORY, INC. FOR USE IN CLASS I, GROUPS C AND D VAPOR-AIR ATMOSPHERES, AND CLASS 2 GROUPS E,F AND G, DUST-AIR ATMOSPHERES

7 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)

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CHARACTERISTICS

OPERATING FORCE	5 OZ MAX
FULL OVERTRAVEL FORCE	7 OZ MAX
RELEASE FORCE	3/4 OZ MIN
PRETRAVEL	(3) 15° MAX
DIFFERENTIAL TRAVEL	(4) 7° MAX
OVERTRAVEL	(5) 60° MIN
SWITCH-REPLACEMENT	1MN5

ELECTRICAL DATA

CONTACT ARRANGEMENT
TWO CIRCUIT
DOUBLE THROW DOUBLE BREAK

10 A-120, 240, OR 480 VAC
1/2 HP-120 VAC, 1 HP-240 VAC
0.8 A-115 VDC, 0.4 A-230 VDC
PILOT DUTY: 720 VA-HEAVY DUTY
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