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

SWITCH – ENCLOSED

CATALOG LISTING
151ML1-E1

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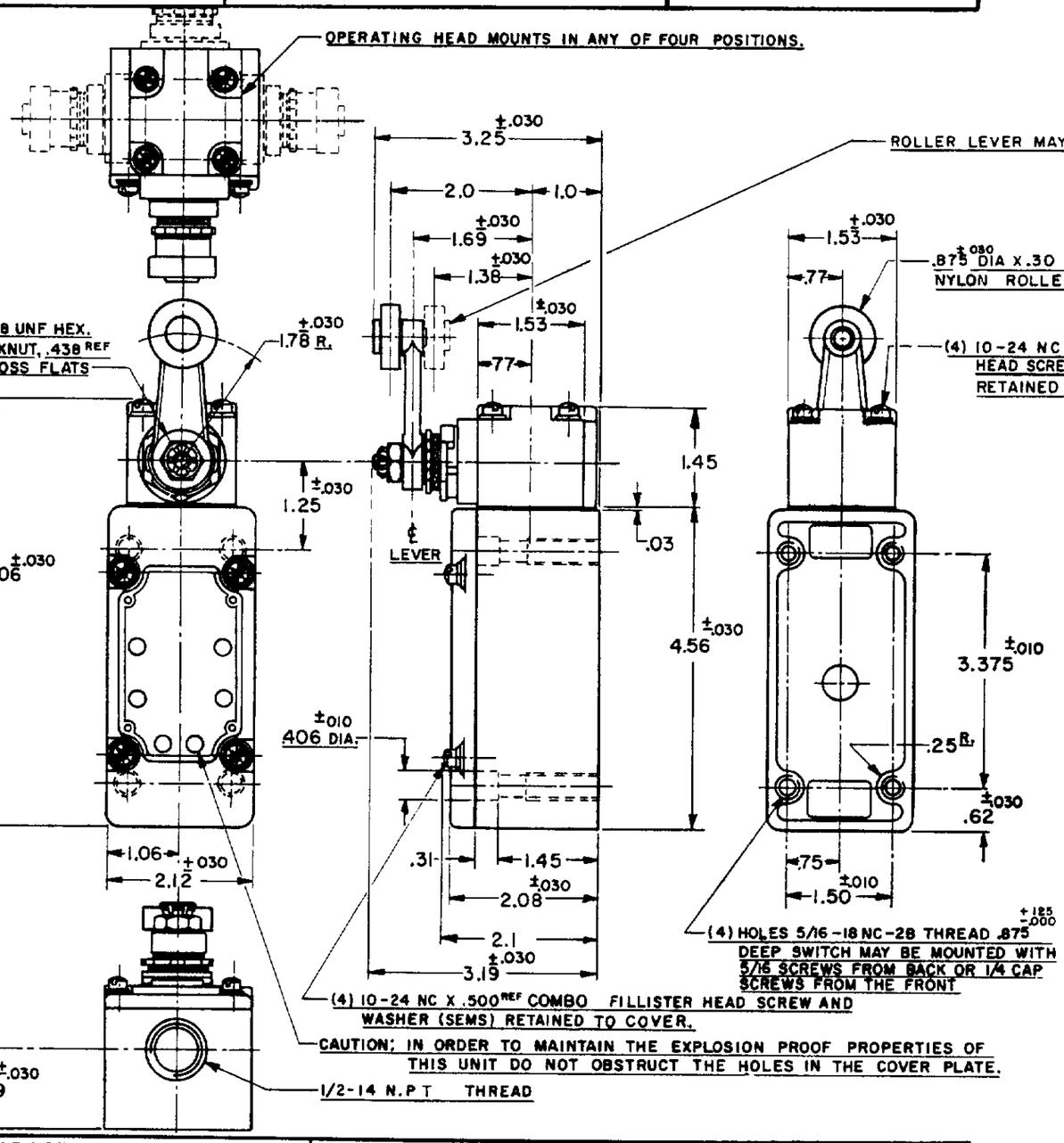
M 151ML1-E1 | DRAWING NUMBER | ISSUE M | E-L 8 FEB. 58 | RELEASE NO. SR 7259 | REPLACES

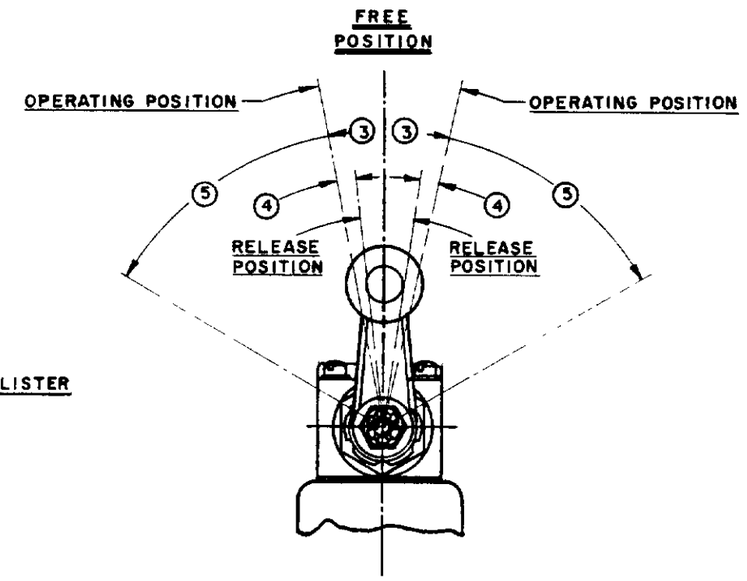
REVISIONS

A	CORR	R.E.R. 21 FEB. 58
B	C012789	M.B.F. 15 MAY 58
C	C013022	M.B.F. 19 AUG. 58
D	C013487	M.B.F. 10 MAR 59
E	C016841	M.B.F. 3 DEC 64
F	C020878	M.B.F. 1 DEC 65
G	C024575	M.B.S. 10 SEP 68
H	CO 52794-D	T.S.K. 26 SEPT 83
J	C058367	JAS 12 NOV 85
K	CO 55051 C	T.A.D. 6 JAN 88
L	CO 63739	D.J.S. 15 JUN 88
M	C074287	S.J.Y. 22 APR 93

R.E.R. 4 FEB. 58 | JWM 7 FEB. 58 | GCH 14 FEB. 58 | CHECK | CHECK

74-363





NOTES

1 - LISTED BY UNDERWRITERS LABORATORY, INC. FOR USE IN CLASS 1, GROUPS C AND D VAPOR - AIR ATMOSPHERE, AND CLASS 2 GROUPS E,F AND G DUST - AIR ATMOSPHERES

2/3 SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION TO CONVERT SWITCH FOR ACTUATION 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

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, THE COUNTER-CLOCKWISE DIRECTION ONLY, OR IN BOTH DIRECTIONS 2/3

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

CHARACTERISTICS

OPERATING FORCE	3 LBS. MAX.
FULL OVERTRAVEL FORCE (A)	4 LBS. MAX.
RELEASE FORCE	1/4 LB. MIN.
PRETRAVEL (3)	15° MAX.
DIFFERENTIAL TRAVEL (4)	7° MAX.
OVERTRAVEL (5)	60° MIN.
SWITCH-BASIC REPLACEMENT	1 MN1

ELECTRICAL DATA

CONTACT ARRANGEMENT
TWO CIRCUIT DOUBLE THROW DOUBLE BREAK

10A-120, 240, OR 480 VAC, 1/2 H.P.-120 VAC
1 H.P.-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)	±.010
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT