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

SWITCH—ENCLOSED

CATALOG LISTING
51ML2-E1

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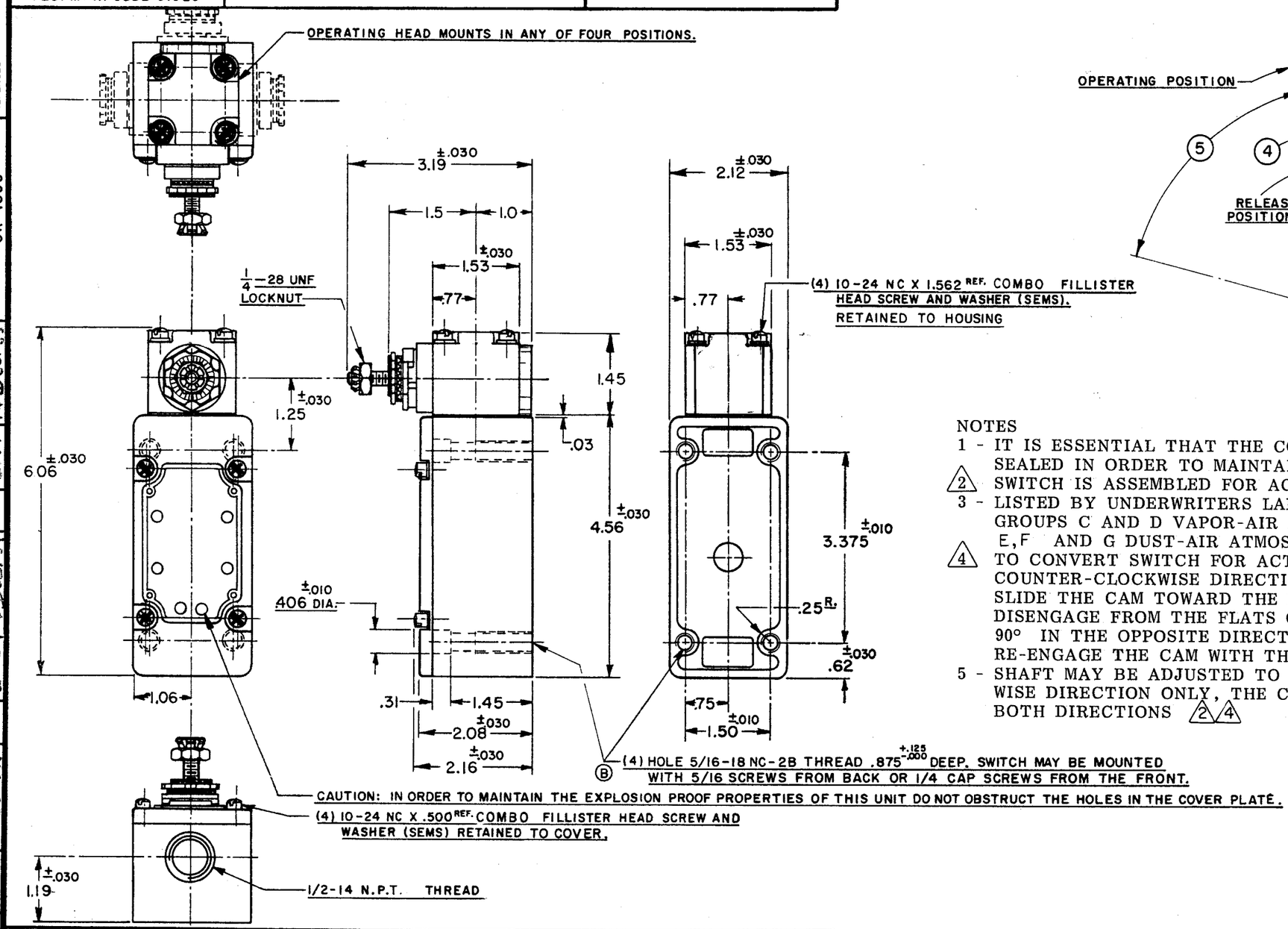

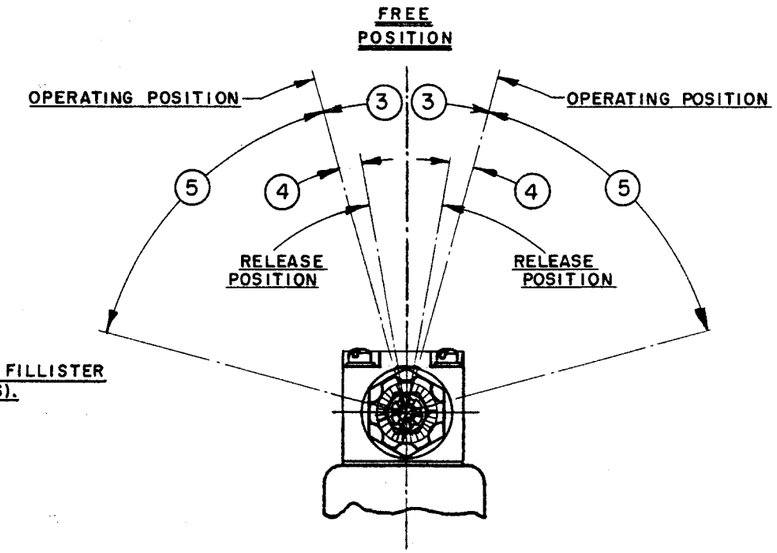

NOTES
1 - IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES
2 SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION
3 - LISTED BY UNDERWRITERS LABORATORY, INC. FOR USE IN GLASS I, GROUPS C AND D VAPOR-AIR ATMOSPHERE, AND CLASS 2 GROUPS E,F AND G DUST-AIR ATMOSPHERES
4 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
5 - SHAFT MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION OR IN BOTH DIRECTIONS 2 4

CHARACTERISTICS

OPERATING TORQUE——3 9/16 LB.-IN. MAX.
FULL OVERTRAVEL TORQUE—5 3/8 LB.-IN. MAX.
RELEASE TORQUE————7/16 LB.-IN. MIN.
PRETRAVEL———————— (3) 12° MAX.
DIFFERENTIAL TRAVEL——— (4) 4° MAX.
OVERTRAVEL————————(5) 60° MIN.

SWITCH-BASIC REPLACEMENT————IMKI

ELECTRICAL DATA

CONTACT ARRANGEMENT
S. P. D. T.

20 A-120, 240 OR 480 VAC; 3/4 H.P.-120 VAC
1 1/2 HP-240 VAC; 1/2 A-115 VDC; 1/4 A-230 VDC
PILOT DUTY: 720VA-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

REVISIONS		
A	C010928	R.E.R. 8 NOV. 56
B	C011247	O. M. W. 6 MAR 58
C	C012789	M. B. F. 14 MAY 58
D	C013487	M. B. F. 10 MAR 59
E	C024575	M B S 10 SEP 68
F	C052194	G J W 22 SEP 83
G	C058367	JAS 11 NOV 85
H	C055051-C	T A D 6 JAN 86
J	C063739	D J S 15 JUN 88
K	C074287	G J W 15 APR 93

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