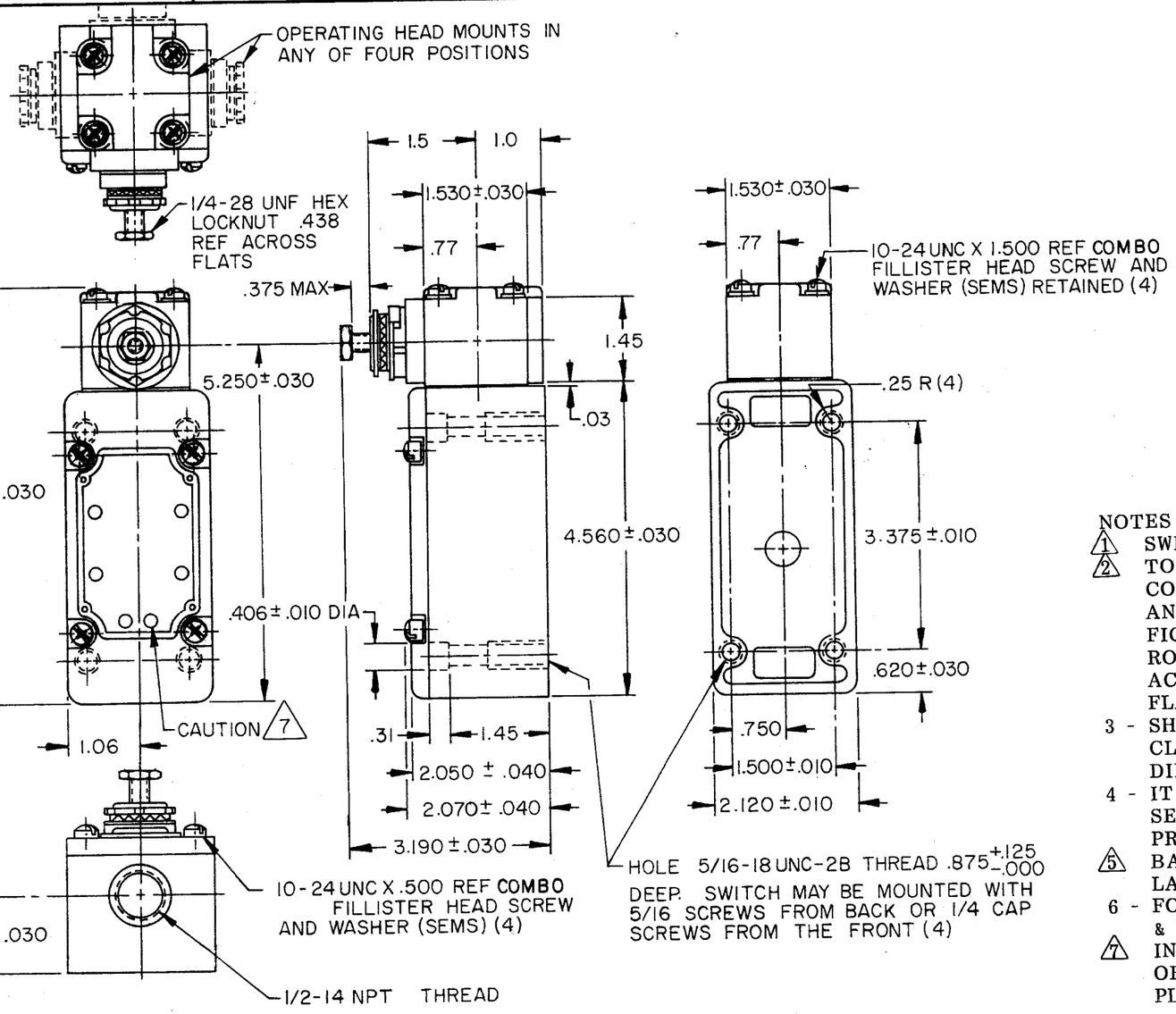
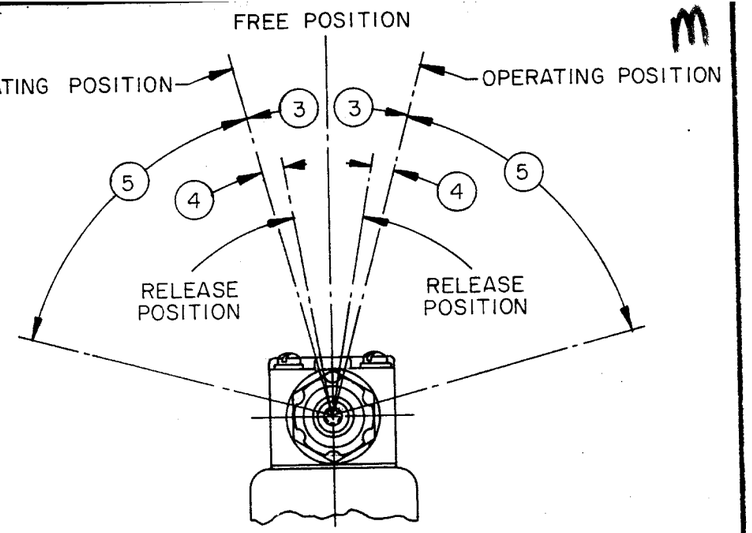
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
51ML72-E1





NOTES
1. SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION
2. 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
3. SHAFT MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY OR IN BOTH DIRECTIONS 1 2
4. IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES
5. BASIC SWITCHING ELEMENT LISTED BY UNDERWRITERS' LABORATORIES INC.
6. FOR USE IN CLASS I GROUPS C & D, CLASS II GROUPS E,F & G HAZARDOUS LOCATIONS
7. IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES OF THIS UNIT DO NOT OBSTRUCT THE HOLES IN THE COVER PLATE

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CHARACTERISTICS	
OPERATING TORQUE	5 11/32 LB IN MAX
FULL OVERTRAVEL TORQUE	7 1/8 LB IN MAX
RELEASE TORQUE	7/16 LB IN MIN
PRETRAVEL	(3) 20° MAX
DIFFERENTIAL TRAVEL	(4) 15° MAX
OVERTRAVEL	(5) 50° MIN
SWITCH-BASIC REPLACEMENT	DT-2R711-A7

ELECTRICAL DATA

CONTACT ARRANGEMENT
D P D T

10 A-125 OR 250 VAC
0.3 A-125 VDC; 0.15 A-250 VDC 5

SCALE 1/2 TO 1
DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED TOLERANCES ARE ±

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	X.X	0.4/.016	X.X	0.8/.03
TWO PLACES	X.XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS ☐ SI METRIC ■ US CUSTOMARY

THIRD ANGLE PROJECTION

WEIGHT

M 51ML72-E1
DRAWING NUMBER
ISSUE X 2 3 4 5 6
RELEASE NO. PR-13852
REPLACES

REVISIONS
A C058367 JAS 11 NOV 85
B C55051-C T A D 6 JAN 86
C C058909 TSK 29 JAN 86
D C0 63739 D J S 15 JUN 88
E C074287 G J W 21 APR 93

TSK 15 APRIL 85 DRAWN
KAG 22 APR 85 CHECK
ROB 22 APR 85 CHECK
FO-52851-B