

MICRO SWITCH
A DIVISION OF HONEYWELL INFORMATION SYSTEMS
FED MFR CODE 91929

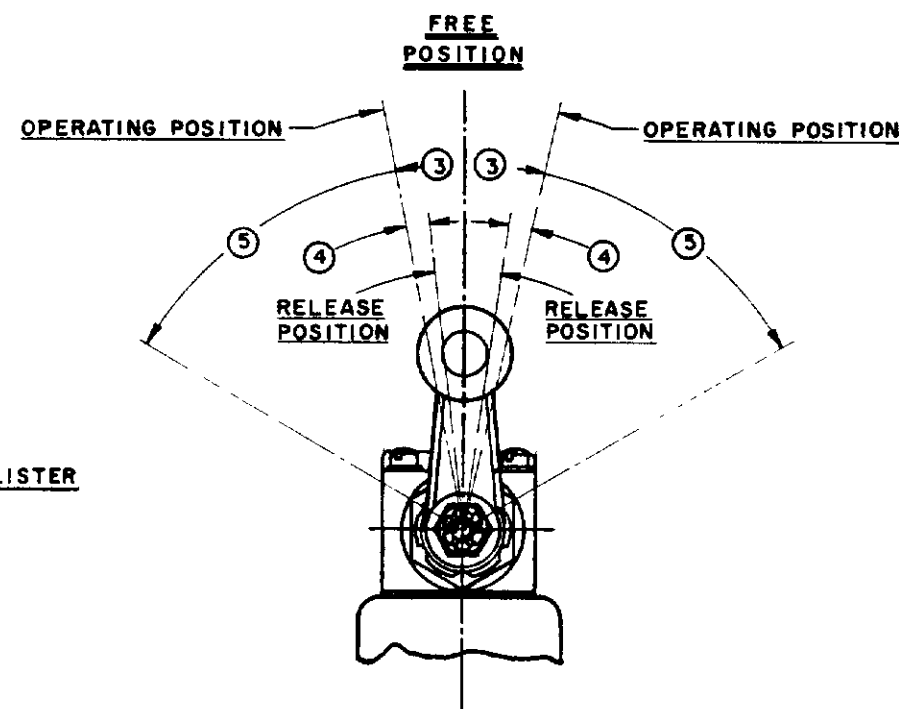
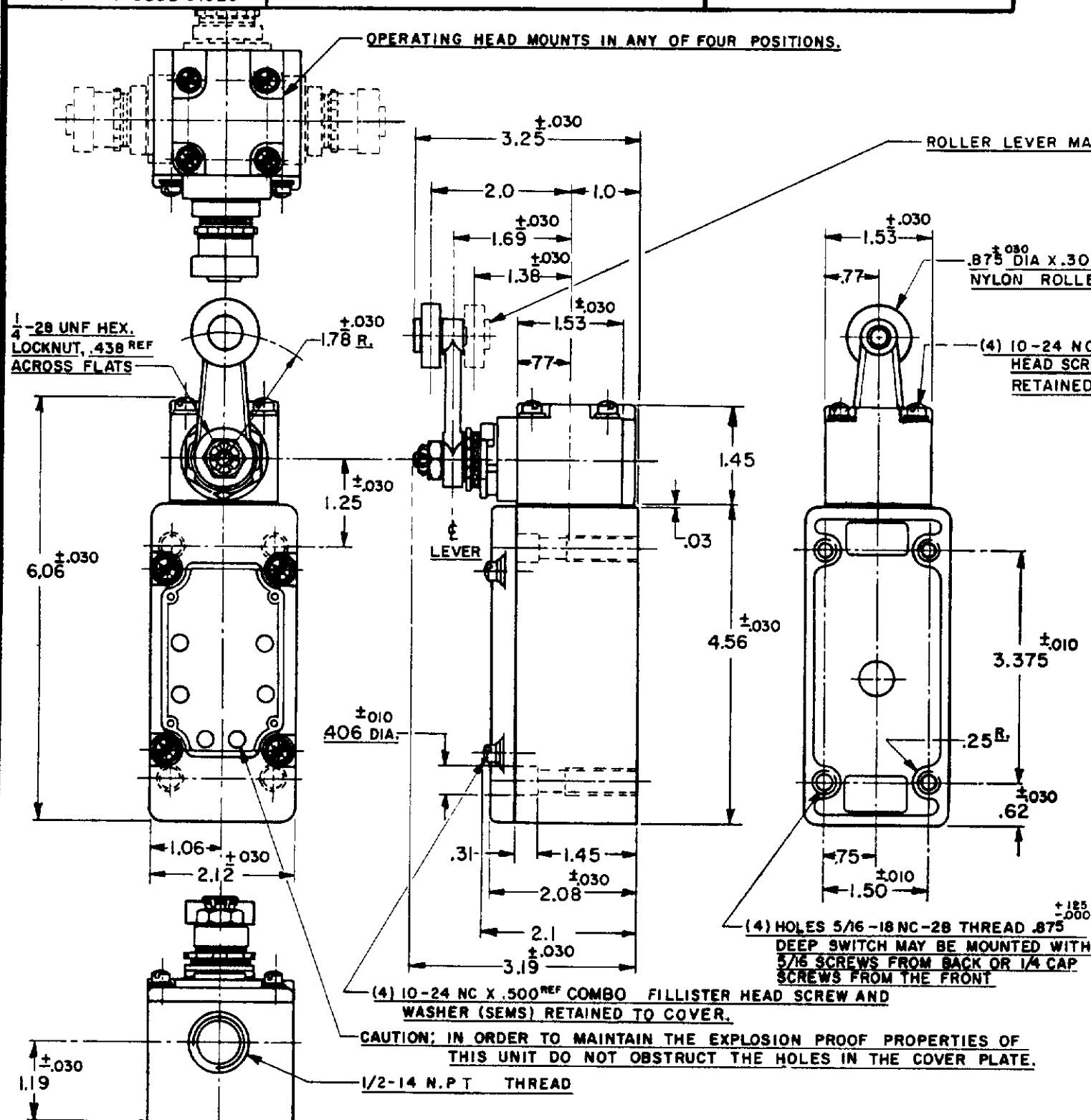
SWITCH - ENCLOSED

CATALOG LISTING
151ML1-E1

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH A DIVISION OF HONEYWELL THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

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151ML1-E1
DRAWING NUMBER
ISSUE
REVISIONS
A CORR
21 FEB 58
B CO12789
15 MAY 58
C CO13022
19 AUG 58
D CO13487
10 MAR 59
E CO18841
3 DEC 64
F CO20878
1 DEC 65
G CO24575
10 SEP 68
H CO2794-D
26 SEPT 83
J CO38367
12 NOV 85
K CO55051 C
6 JAN 88
L CO 63739
D J S
15 JAN 88
M CO74287
27 JAN 88
R.E.R.
58
FEB.
CO 63739
D J S
15 JAN 88
M CO74287
27 JAN 88



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 SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER CLOCKWISE OR COUNTER-CLOCKWISE DIRECTION ONLY, REMOVE THE HEAD AND SLIDE THE CAM TOWARD THE REAR OF 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 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
- 6 - IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES

CHARACTERISTICS	ELECTRICAL DATA	SCALE 1/2 TO 1
OPERATING FORCE - - - - - 3 LBS. MAX.	CONTACT ARRANGEMENT TWO CIRCUIT DOUBLE THROW DOUBLE BREAK	DO NOT SCALE PRINT
FULL OVERTRAVEL FORCE - (A) - 4 LBS. MAX.		UNLESS OTHERWISE SPECIFIED
RELEASE FORCE - - - - - 1/4 LB. MIN.		DIMENSIONS ARE IN INCHES
PRETRAVEL - - - - - (3) - 15° MAX.		TOLERANCES ARE:
DIFFERENTIAL TRAVEL - - - - - (4) - 7° MAX.		ONE PLACE (.0) ±.030
OVERTRAVEL - - - - - (5) - 60° MIN.		TWO PLACE (.00) ±.018
		THREE PLACE (.000) ±.008
		ANGLES ±
SWITCH-BASIC REPLACEMENT - - - - - 1 MN1		WEIGHT

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

