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

SWITCH - ENCLOSED

CATALOG LISTING
51ML2

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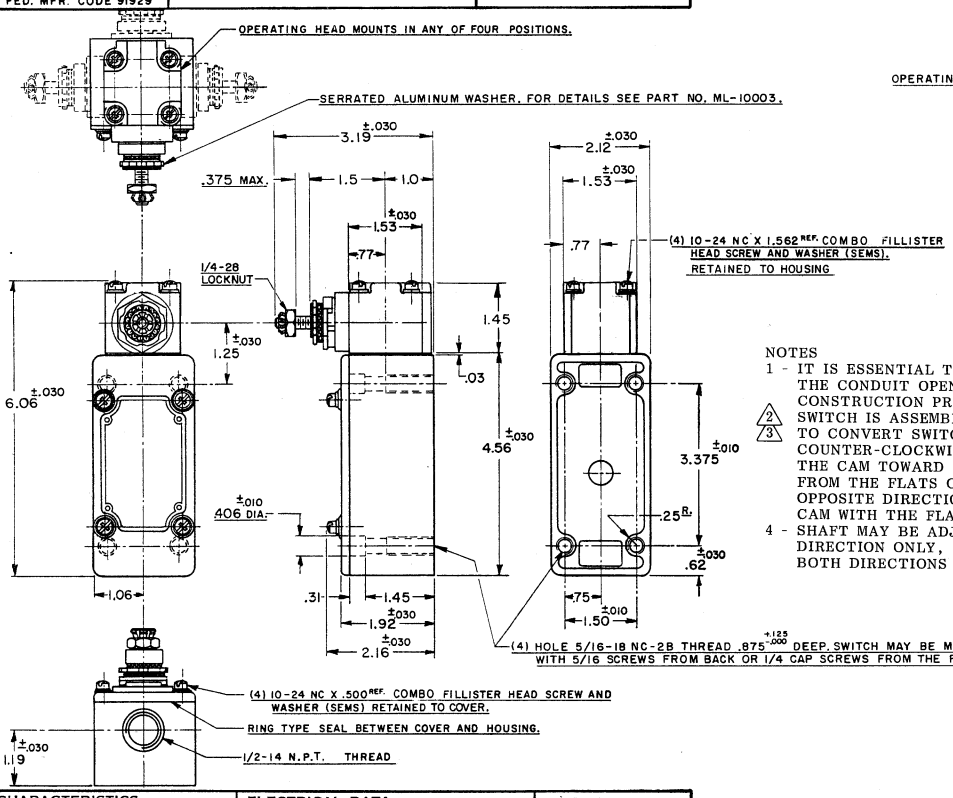

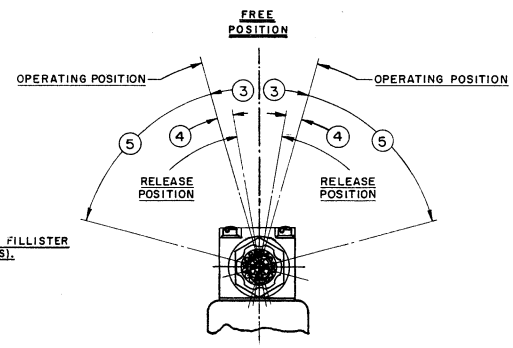

NOTES

1 - IT IS ESSENTIAL TO PREVENT ENTRANCE OF HARMFUL AGENTS THRU THE CONDUIT OPENING TO OBTAIN THE FULL BENEFIT OF THE SEALED CONSTRUCTION PROVIDED IN THIS UNIT

2 SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION

3 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

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

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 - - 12° MAX.
DIFFERENTIAL TRAVEL - - - ④ - 4° MAX.
OVERTRAVEL - - - - - - - ⑤ - - - 60° MIN.
SWITCH-BASIC REPLACEMENT - - - - - - - - 1MK1

ELECTRICAL DATA

CONTACT ARRANGEMENT
S. P. D. T.

Ⓑ 20A-120,240,480 OR 600 VAC; 3/4 HP-120 VAC, 1 1/2 H.P.-240 VAC; 1/2 A-115 VDC; 1/4 A-230 VDC PILOT DUTY RATING: 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

(M) 51ML2 ISSUE 3
REPLACES
51ML2
RELEASE NO.
DRAWING NUMBER
ISSUE
CHECK
REVISIONS
A C011247 O.M.W. 11 MAR 58
B C012789 M.B.F. 14 MAY 58
C C022643 D.W.C. 21 MAR 67
D C026064 M.B.S. 25 JUNE 69
E C052194 G.J.W. 22 SEP 83
F C055051-B J.A.P. 14 DEC 84
G C074287 G.J.W. 15 APR 93
CHECK J.W.M. 31 MAR 58
CHECK G.C.H. 31 MAR 58
CHECK
DRAWN O.M.W. 11 MAR 58
74-96.3

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