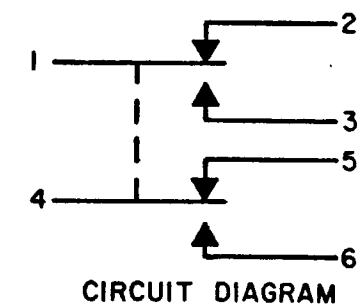


MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
622EN513-6



STAINLESS STEEL SCREW WITH
.032 WIDE X .040 DEEP SLOT

ROLLER MAY BE LOCKED IN
INCREMENTS OF 45° AZIMUTH $\triangle 5$

4-40 UNC-3B MINIATURE
LOCK NUT-STAINLESS STEEL

(6) NO. 20 WIRE LEAD PER MIL-W-22759/7 MARKED
WITH CIRCUIT IDENTIFICATION AND WIRE GAGE
(1-20, 2-20, ETC) PER MIL-W-5088

.072 $\pm$.004 WIDE X .031 $\pm$.003
DEEP KEYWAY TO WITHIN
.250 OF SHOULDER

CORROSION RESISTANT
STEEL PLUNGER AND
BUSHING

.375 DIA X .12 WIDE CORROSION
RESISTANT STEEL ROLLER

1.775 $\pm$.025
FREE
POSITION

1.290 $\pm$.030

15/32-32 UNS THREAD TO WITHIN .093 OF SHOULDER
.750 MIN THREAD HEIGHT FROM SHOULDER

CORROSION RESISTANT STEEL HEX NUT,
.62 ACROSS FLATS X .125 THICK (2) $\triangle 6$ $\triangle 8$

CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER, .60 DIA X .018 REF THICK (MS 35333-136) $\triangle 8$

CORROSION RESISTANT STEEL KEYING WASHER,
.72 DIA X .031 THICK, TAB .110 WIDE $\triangle 6$ $\triangle 8$

1.000 MAX

.047 DIA HOLE FOR
WIRE LOCKING (3)

.688 $\pm$.030

.375 $\pm$.030

72.000 MIN

NOTES

- 1 CORROSION RESISTANT STEEL ENCLOSURE
- 2 SWITCH SEALED PER MIL - S - 8805 SYMBOL 4
- 3 CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 COINCIDENCE OF OPERATING AND RELEASING POINTS:
.010 OF PLUNGER TRAVEL
- $\triangle 5$ TO ADJUST ROLLER DIRECTION REMOVE LOCK NUT, SCREW AND ROLLER. DEPRESS PLUNGER UNTIL IT CAN BE ROTATED TO DESIRED POSITION. RETURN PLUNGER TO FREE POSITION AND REASSEMBLE ROLLER
- $\triangle 6$ REPLACEMENT MOUNTING HARDWARE - PACKET 19PA9
- 7 NOTED ELECTRICAL RATINGS APPLY AS SPECIFIED IN MIL-S-8805/43 UP TO 185°F
- $\triangle 8$ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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CHARACTERISTICS

OPERATING FORCE ----- 3-6 LB
FULL OVERTRAVEL FORCE ---- 17 LB MAX
RELEASE FORCE ----- 2 LB MIN
PRETRAVEL ----- .040 MAX
DIFFERENTIAL TRAVEL ----- .020 MAX
OVERTRAVEL ----- .125 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T (2)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	
LAMP		

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR
REFERENCE. UNLESS NOTED, TOLERANCES ARE $\pm$

	DIM. IN	TOL. IN	DIM. MM	TOL. MM
NO PLACES	X	1/64	X	0.0762
ONE PLACE	X.X	0.001	X.X	0.0254
TWO PLACES	X.XX	0.0001	X.XX	0.00254
THREE PLACES	X.XXX	0.00001	X.XXX	0.000254
ANGLES				

DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY

THIRD ANGLE PROJECTION

WEIGHT 7.2 OZ MAX

622EN513-6

M

DRAWING
NUMBER

ISSUE

13

CHECK

REVISIONS

A CO44351
WJM
6 MAY 80

B CO47573
PART 4
R J H
15 AUG 80

C CO49606C
K A G
25 SEP 81

D CO57370
J A P
14 MAY 85

CHECK

30 MAY 80

CHECK

6 MAY 80

CHECK

WJM

6 MAY 80

WJM

6 MAY 80

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