

MICRO SWITCH

FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL

FED MFG CODE 91828

SWITCH - ENCLOSED

CATALOG LISTING
21EN37-6B

21EN37-6B

M

DRAWING
NUMBER

X

ISSUE

4

REPLACES

PR-12056

CHECK

14 APR 83

CO 66712

TJO

21 DEC 83

CO 74101

DAW

10 FEB 93

CO 77048

SAD

18 MAY 94

CHECK

14 APR 83

GLA

CHECK

5 APR 83

FO-32851-A

DRAWN

T M M

APR 83

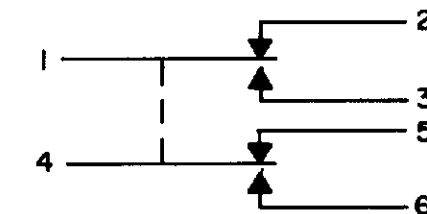
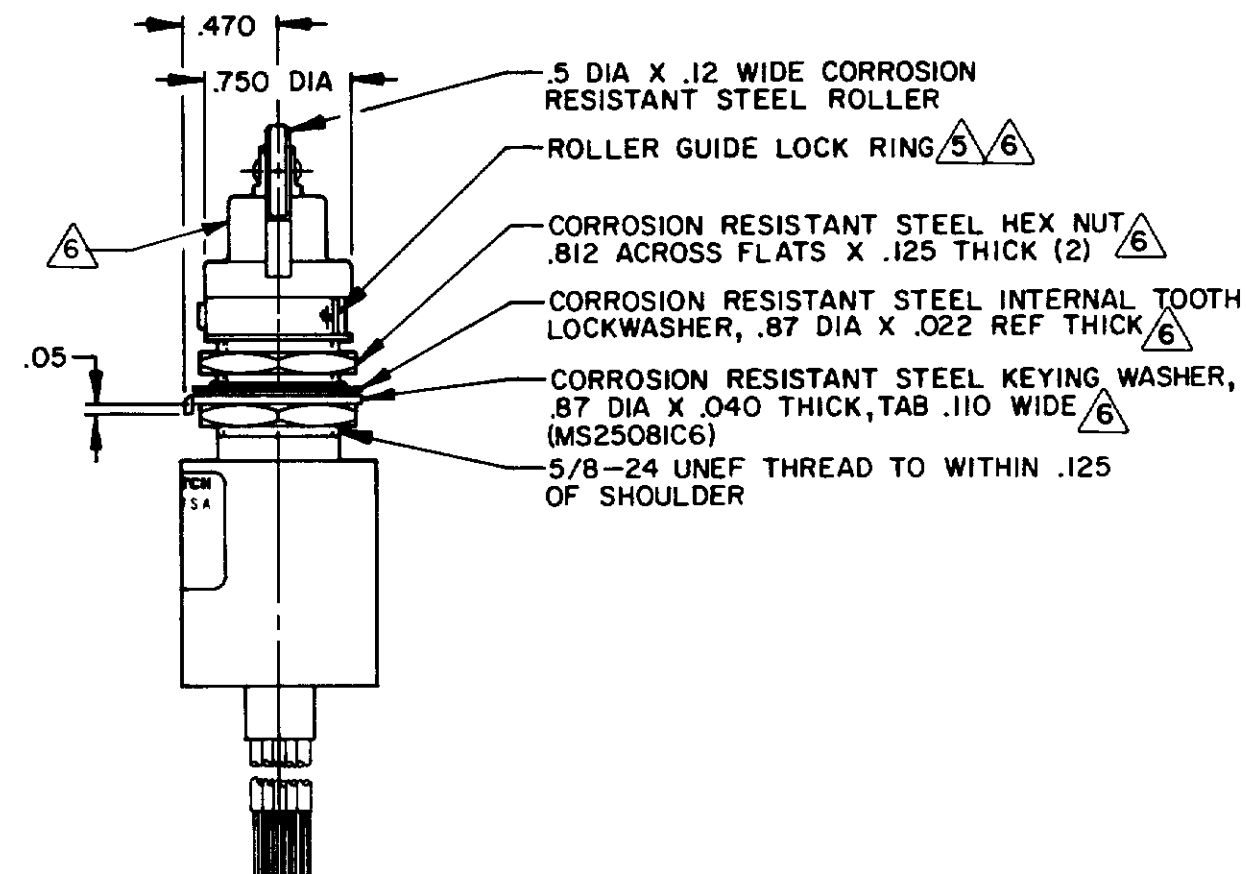
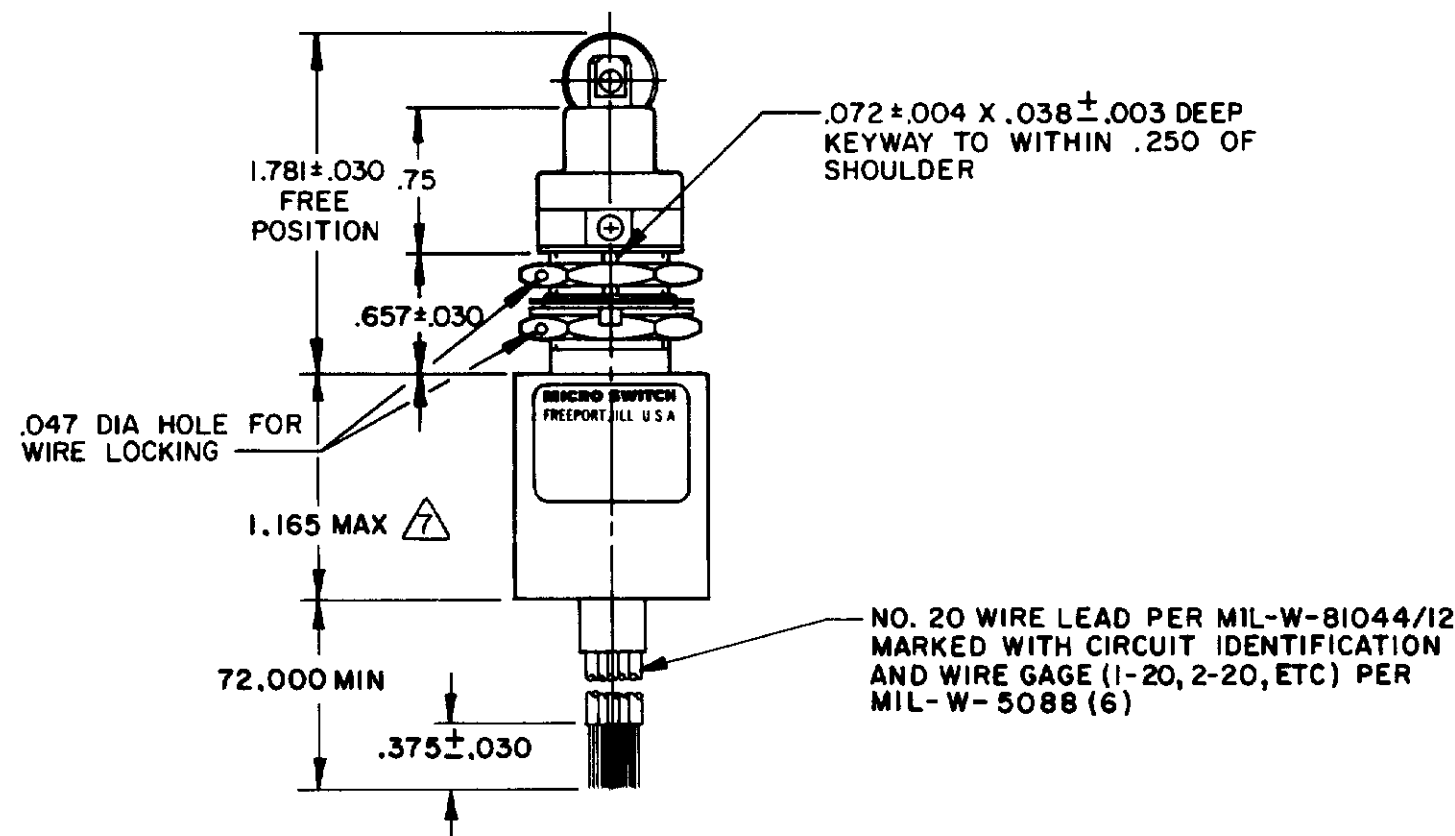
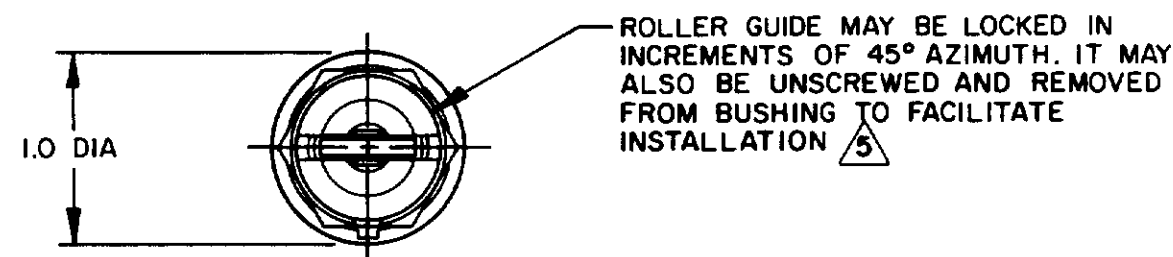
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GLA

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5 APR 83

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CIRCUIT DIAGRAM

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

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

NO PLACES	ONE PLACE	TWO PLACES	THREE PLACES	ANGLES
	X	X	X	X
	0.4/0.10	0.16/0.005	0.16/0.005	0.16/0.005

DESIGN UNITS: SI METRIC, US CUSTOMARY

RAW MATERIAL - COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 8.9 OZ MAX

CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE — 6-12 LB	CONTACT ARRANGEMENT SPDT (2)
FULL OVERTRAVEL FORCE — 30 LB MAX	LOAD 28 VDC
RELEASE FORCE — 4 LB MIN	SEA LEVEL 50,000 FT.
PRETRAVEL — .040 MAX	RES 4
DIFFERENTIAL TRAVEL — .020 MAX	IND 2
OVERTRAVEL — .250 MIN	MOTOR 4
	LAMP

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
- 5 TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 6 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- 7 THIS DIMENSION EXCLUDES THE RESILIENT POTTING MATERIAL ON THE BOTTOM OF SWITCH