

**MICRO SWITCH**

FREEPORT ILLINOIS U S A  
A DIVISION OF HONEYWELL

FED MFG CODE 91829

**SWITCH - ENCLOSED**

CATALOG LISTING

**21EN37-6B**

M 21EN37-6B

DRAWING NUMBER

ISSUE

X 4

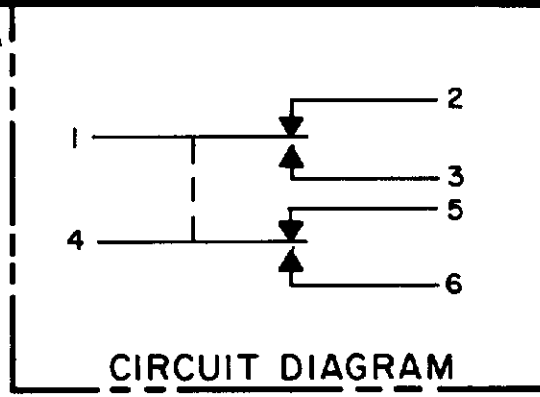
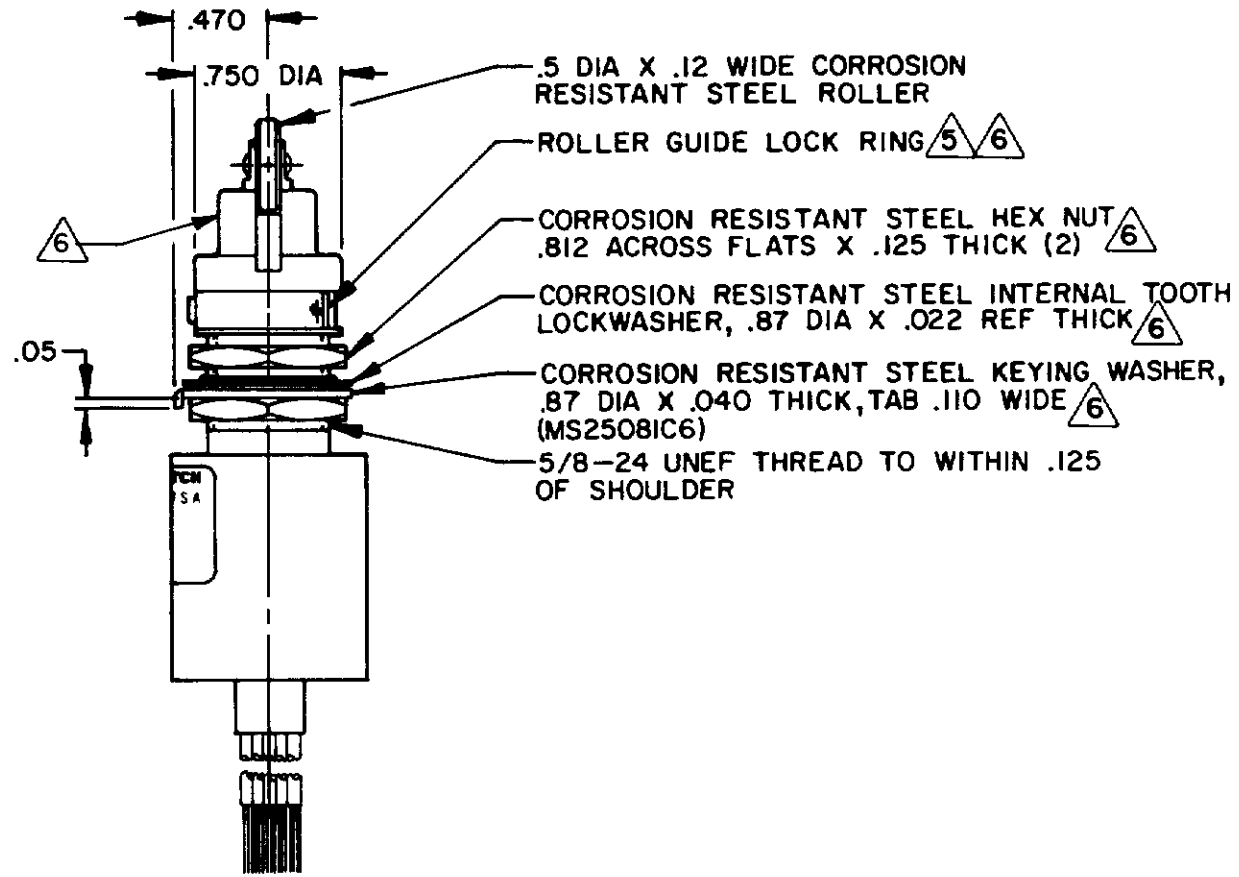
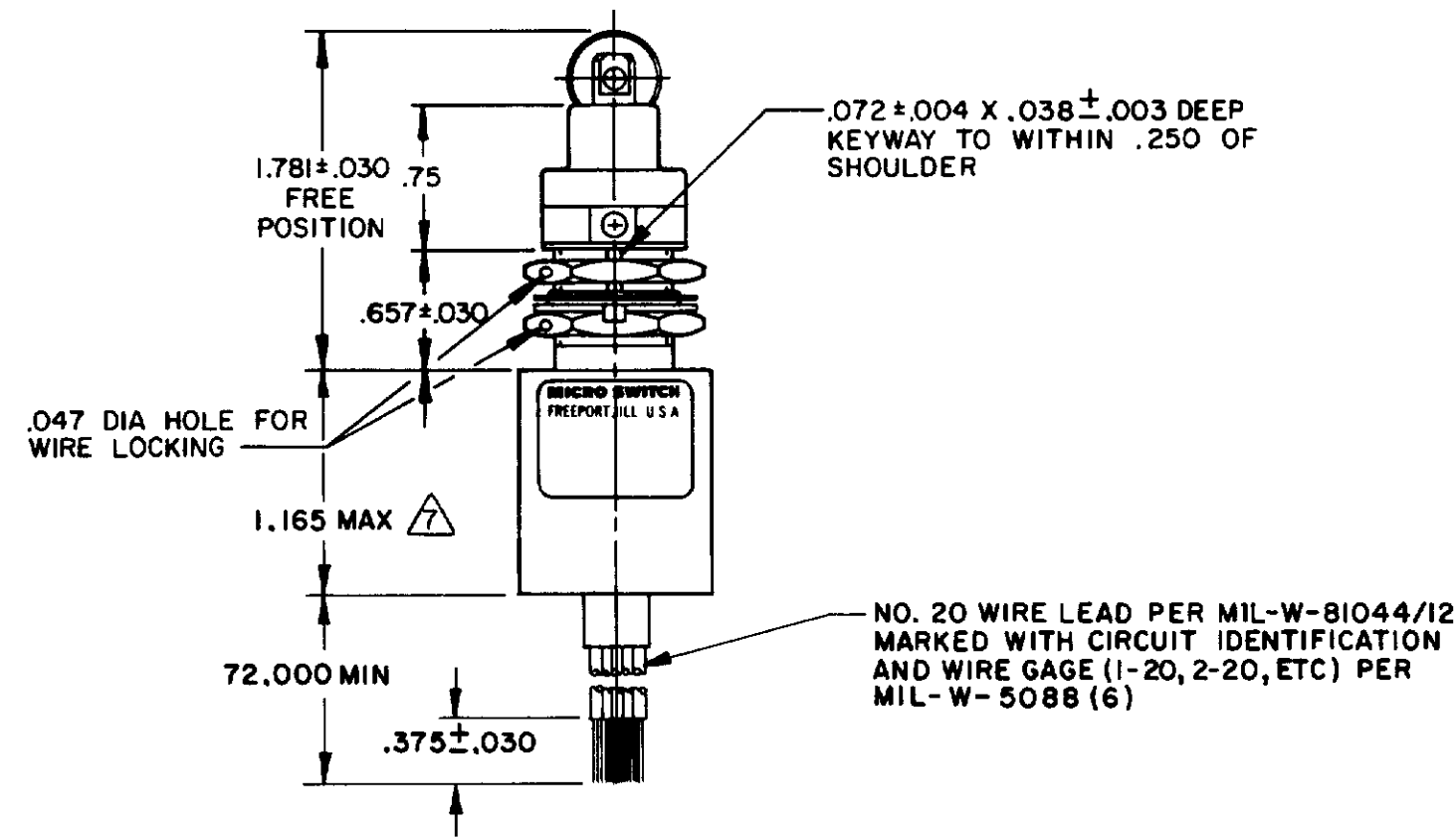
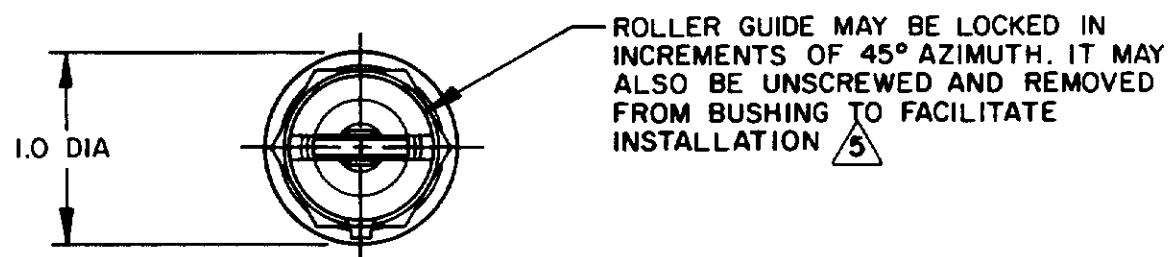
REPLACES

RELEASE NO PR-12056

REVISIONS

A	0066712	TJO	DEC 89
B	CO 74101	DAW	10 FEB 93
C	CO 778048	SAD	18 MAY 94

CHECK 1 APR 83  
CHECK 1 APR 83  
CHECK 5 APR 83  
CHECK 5 APR 83



- 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

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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:

DIM	TOL.	DIM	TOL.
NO PLACES	XXX	XXX	XXX
ONE PLACE	XX	XX	XX
TWO PLACES	X XX	X XX	X XX
THREE PLACES	X XX	X XX	X XX
ANGLES			

DESIGN UNITS

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

WEIGHT 8.9 OZ MAX

CHARACTERISTICS	
OPERATING FORCE	6-12 LB
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA		
CONTACT ARRANGEMENT SPDT (2)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

FO-32851-A

DRAWN

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