

# MICRO SWITCH

FREEPORT ILLINOIS U.S.A.  
A DIVISION OF HONEYWELL

FED MFG CODE 91929

## SWITCH - ENCLOSED

CATALOG LISTING

424EN1-6

424EN1-6

M

DRAWING  
NUMBER

ISSUE

16

15

### REVISIONS

A C044351  
19 FEB 80

B C047873  
PART 4  
15 AUG 80

C C057370  
15 MAY 85

D C074101  
15 MAY 85

E C074101  
15 MAY 85

F C074101  
15 MAY 85

G C074101  
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H C074101  
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I C074101  
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J C074101  
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K C074101  
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M C074101  
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N C074101  
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O C074101  
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P C074101  
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Q C074101  
15 MAY 85

R C074101  
15 MAY 85

S C074101  
15 MAY 85

T C074101  
15 MAY 85

REPLACES

RELEASE NO.

CHECK

CHECK

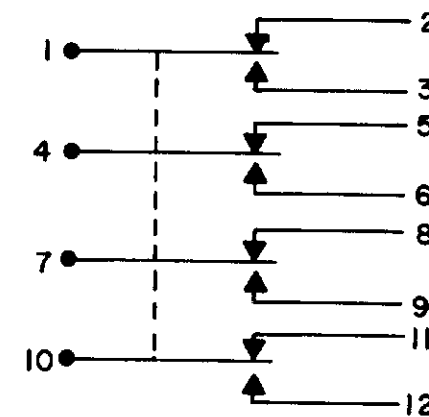
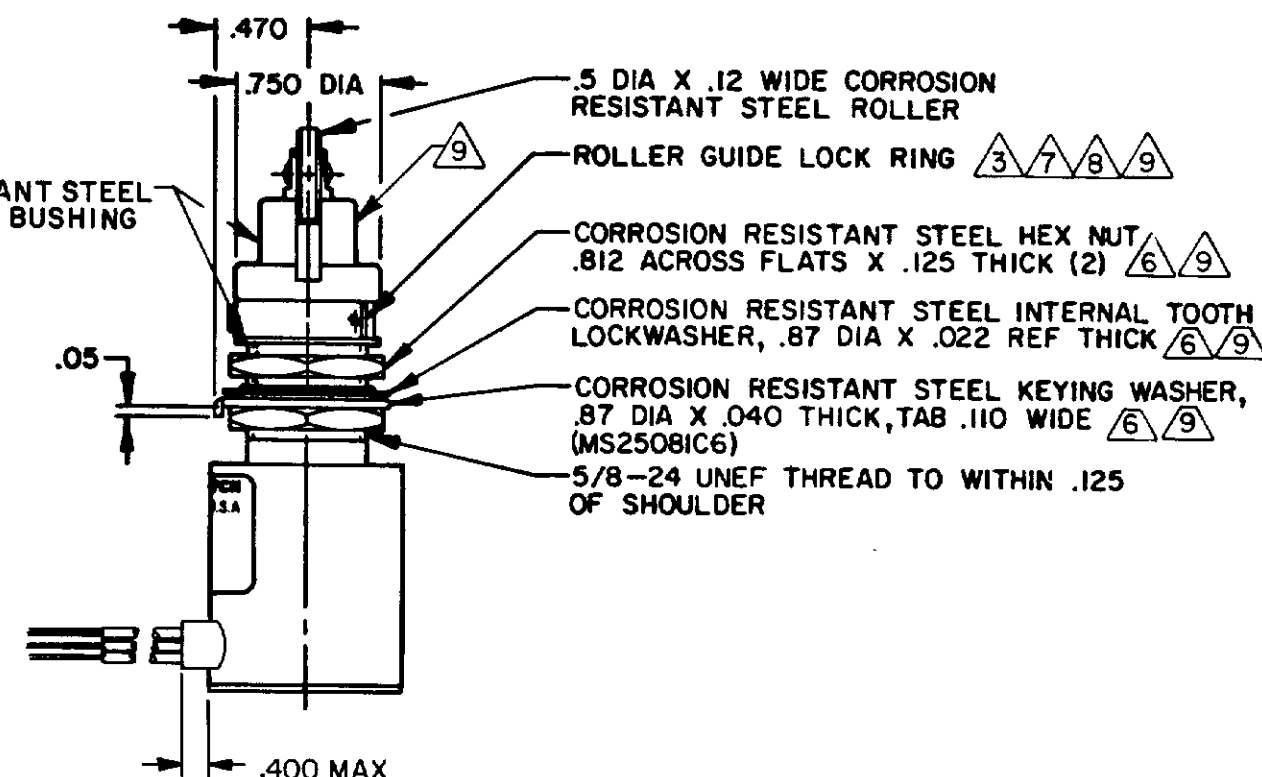
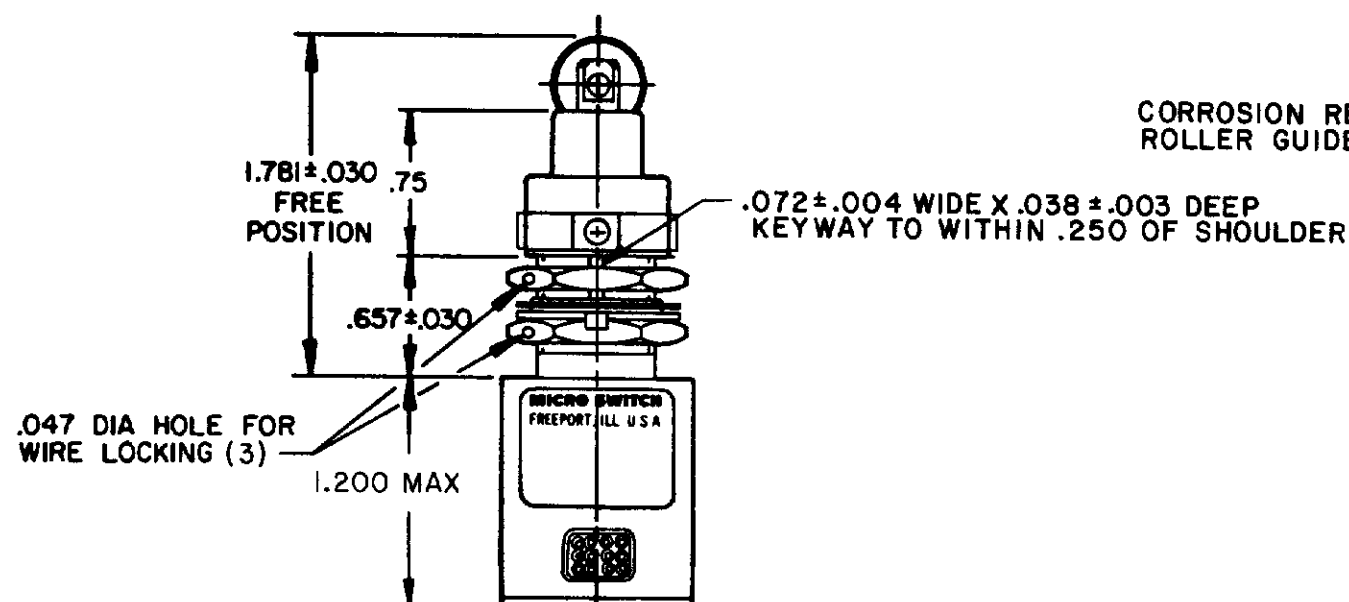
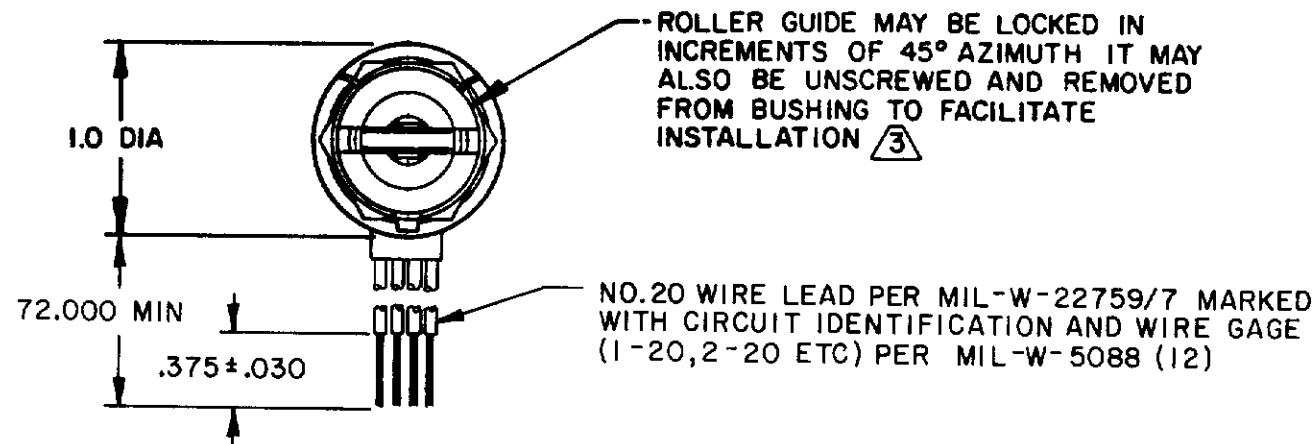
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### NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- (3) 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
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 - CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
- (6) REPLACEMENT MOUNTING HARDWARE: PACKET 19PA8
- (7) REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET 15PA104
- (8) REPLACEMENT LOCK RING: PACKET 15PA137
- (9) HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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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 2

| NO PLACES    | DESIGN | TOL.   | DESIGN | TOL.   |
|--------------|--------|--------|--------|--------|
| ONE PLACE    | IN     | 1/64   | MM     | 0.015  |
| TWO PLACES   | IN     | 0.0015 | MM     | 0.0025 |
| THREE PLACES | IN     | 0.0005 | MM     | 0.0008 |

DESIGN UNITS ☐ IN METRIC ☒ US CUSTOMARY

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

WEIGHT 14.0 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<br>SPOT (4) |           |            |
|---------------------------------|-----------|------------|
| 28 VDC                          |           |            |
| LOAD                            | SEA LEVEL | 50,000 FT. |
| RES                             | 7         | 7          |
| IND                             | 4         | 2.5        |
| MOTOR                           | 4         |            |