

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

R J H

15 AUG 80

C C057370

15 MAY 85

D C074101

G J W

30 JAN 93

E C077304

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

15 MAY 84

REPLACES

RELEASE NO.

CHECK

CHECK

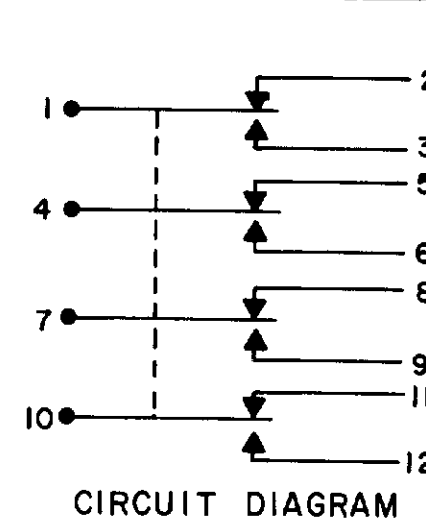
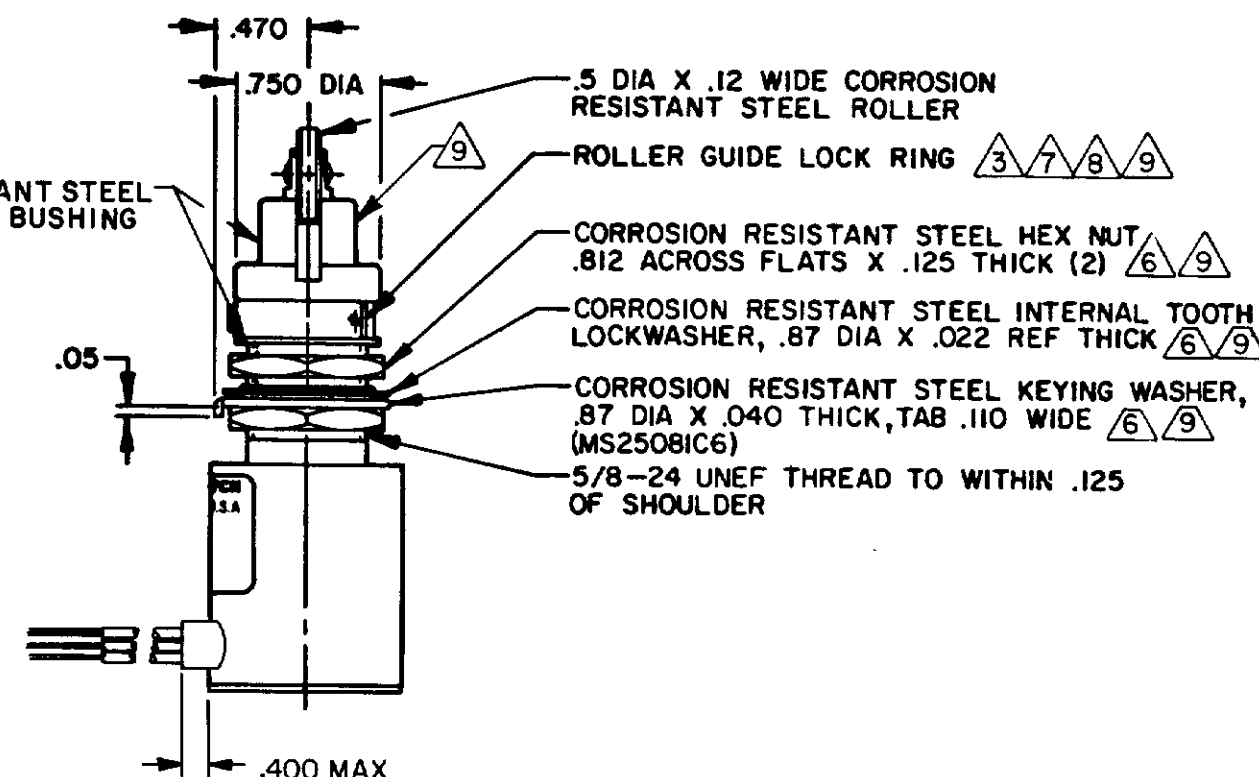
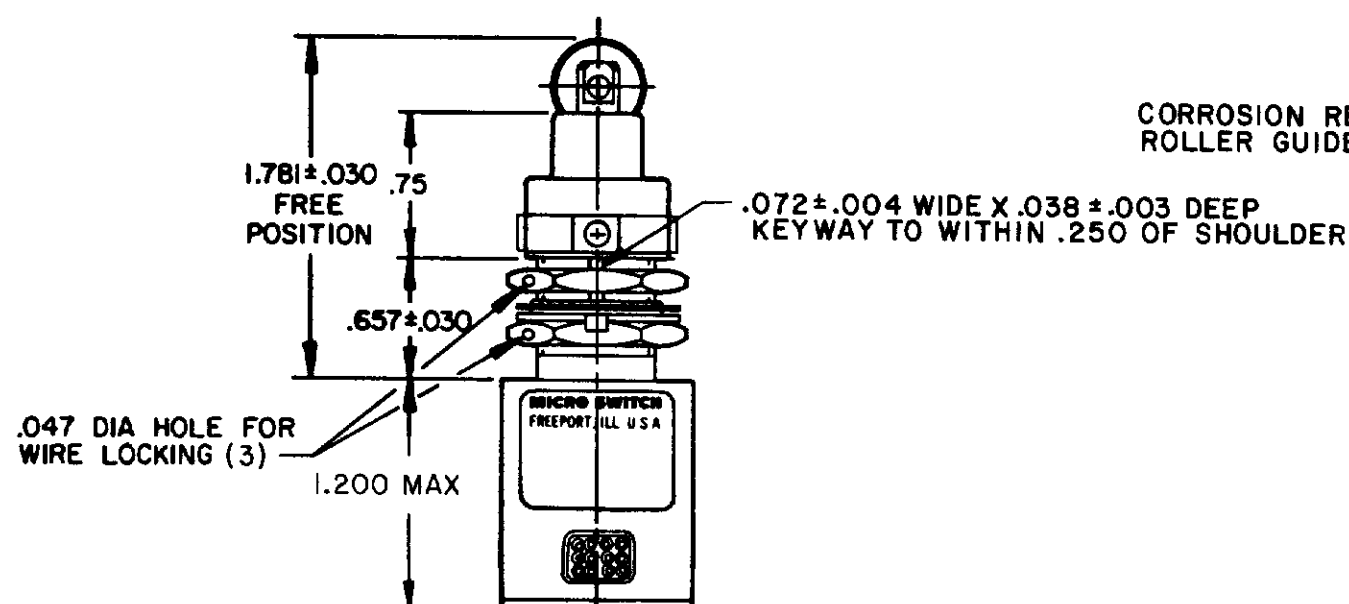
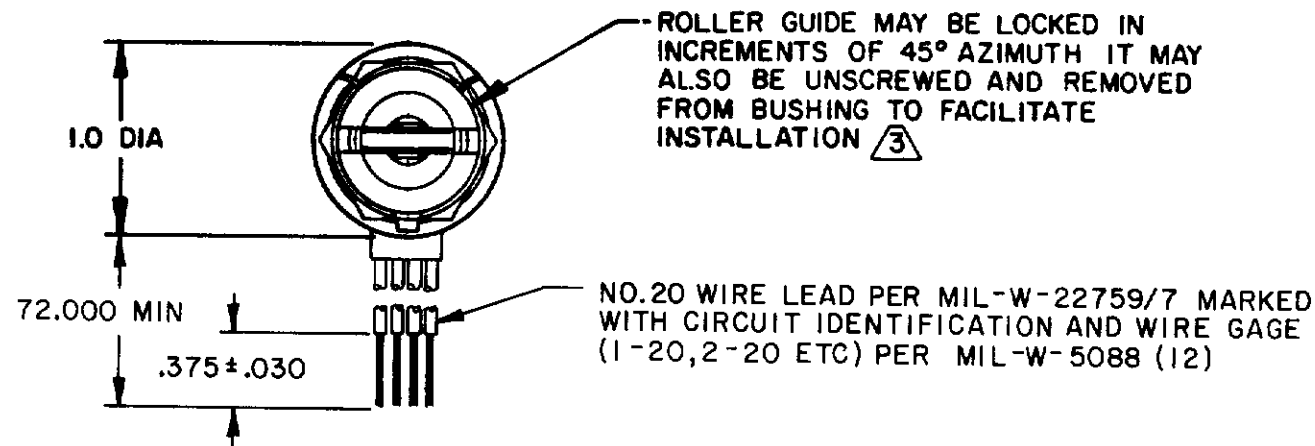
CHECK

CHECK

CHECK

CHECK

CHECK



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

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

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	ONE PLACE	TWO PLACES	THREE PLACES	ANGLES
2	2.5	2.52	2.525	2.525
1/64	0.47/010	0.47/010	0.47/010	0.47/010
1/32	0.187/005	0.187/005	0.187/005	0.187/005

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	ELECTRICAL DATA
OPERATING FORCE ----- 6-12 LB	CONTACT ARRANGEMENT
FULL OVERTRAVEL FORCE ---- 30 LB MAX	SPOT (4)
RELEASE FORCE ----- 4 LB MIN	
PRETRAVEL ----- .040 MAX	
DIFFERENTIAL TRAVEL ----- .020 MAX	
OVERTRAVEL ----- .250 MIN	

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