

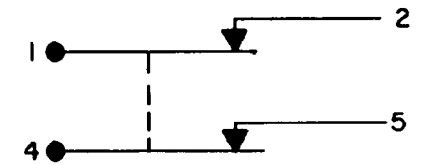
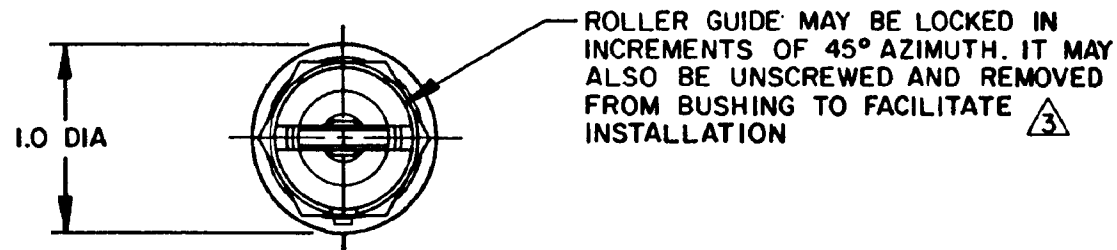
MICRO SWITCH

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

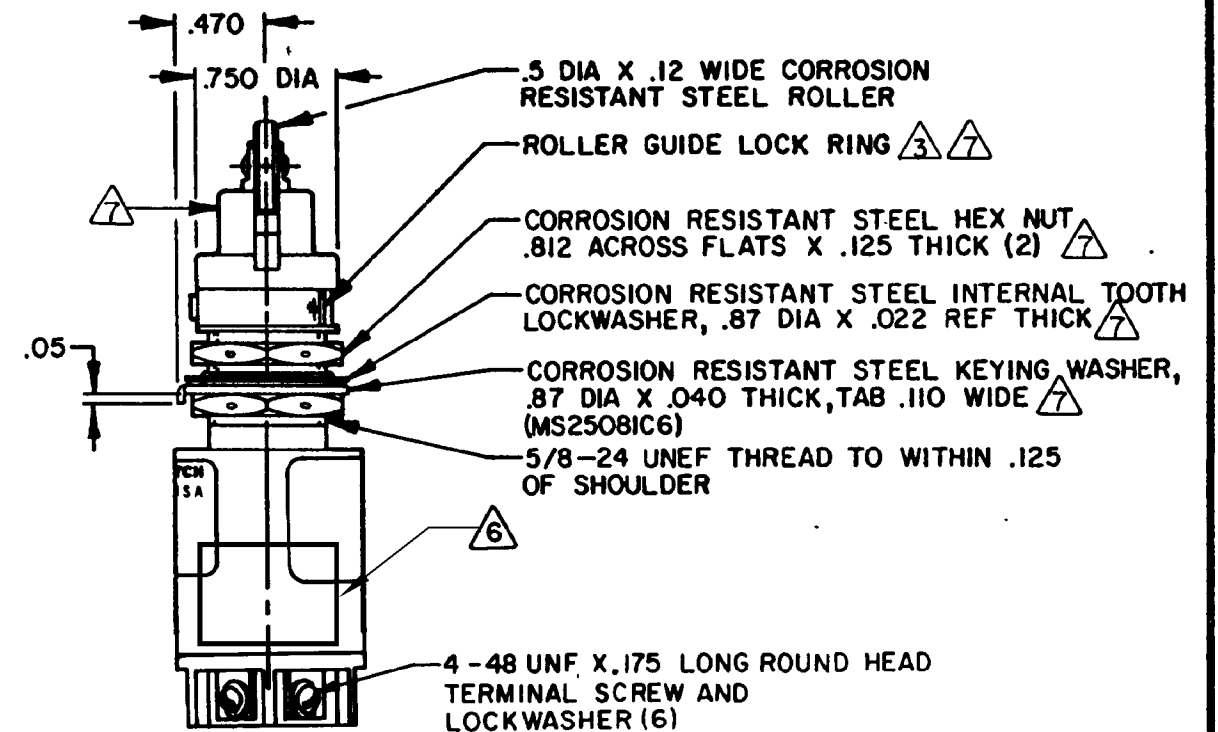
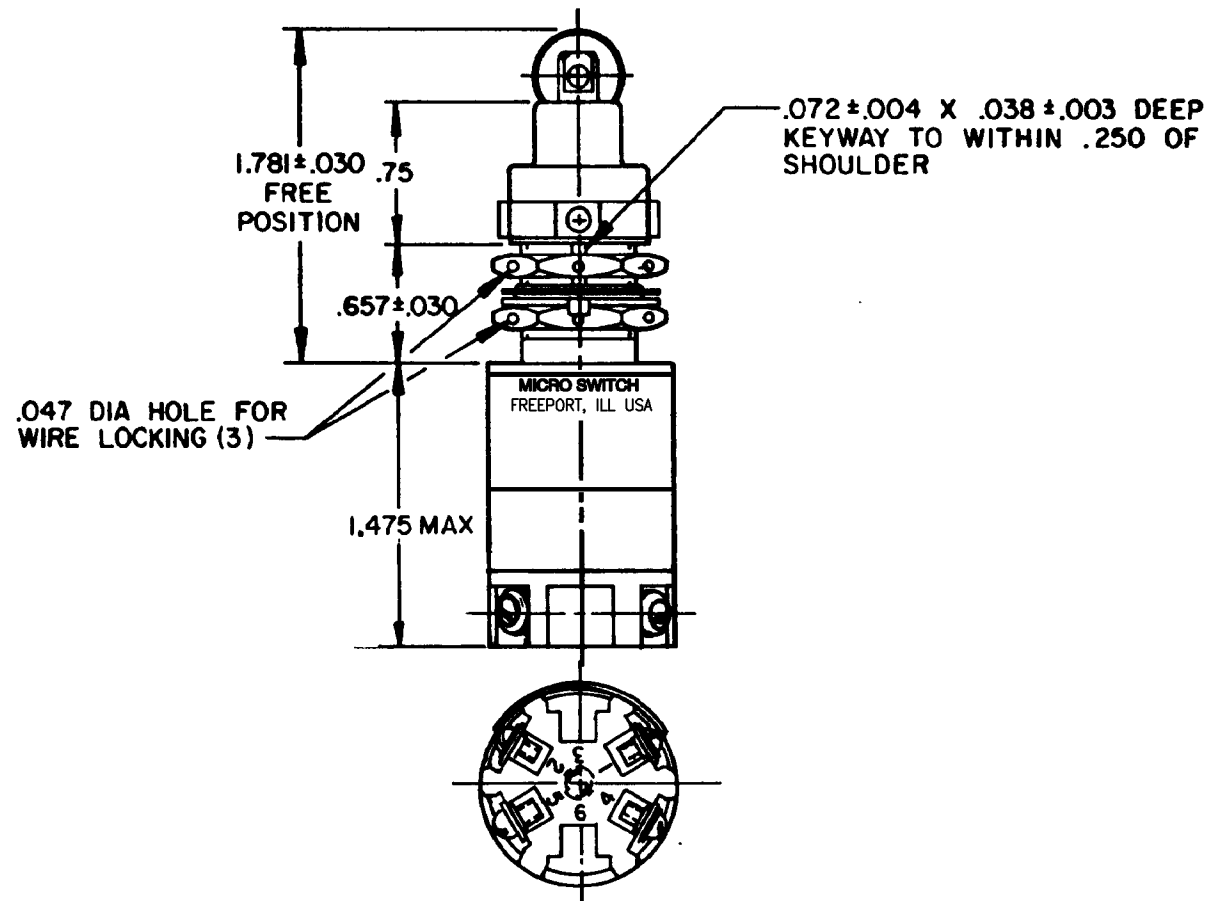
FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
21EN51-S



CIRCUIT DIAGRAM



NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-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 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 6 - SPECIAL CUSTOMER NAMEPLATE
- 7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DIMENSIONS UNLESS NOTED OTHERWISE

NO PLACES	ONE PLACE	TWO PLACES	THREE PLACES	FOUR PLACES
INCHES	MM	MM	MM	MM
1/16	1/32	1/64	1/128	1/256
0.001	0.002	0.005	0.010	0.015

DESIGN UNITS

RAW MATERIAL - COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT 4.5 OZ MAX

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	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT SPNC (2)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

21EN51-S

DRAWING NUMBER

18

ISSUE

CHECK

REVISIONS

A CO 44351

S L 14 SEPT 79

B CO 47873

RJM 8 AUG 80

C CO 63204

G J W 8 APR 83

D CO 54265

T S K 19 DEC 83

E CO 74101

DAW 10 FEB 93

F CO 77504-C

DLT 28 JUL 94

G CO 82106

G J W 20 FEB 96

H 0010773

TCC/AP 25 JAN 05

CHECK

13 SEPT 79

DRAWN

FO-32851-A

S L B