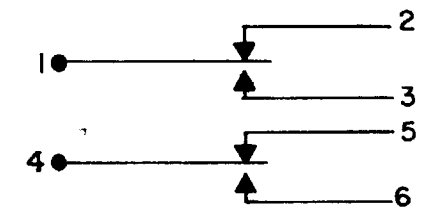
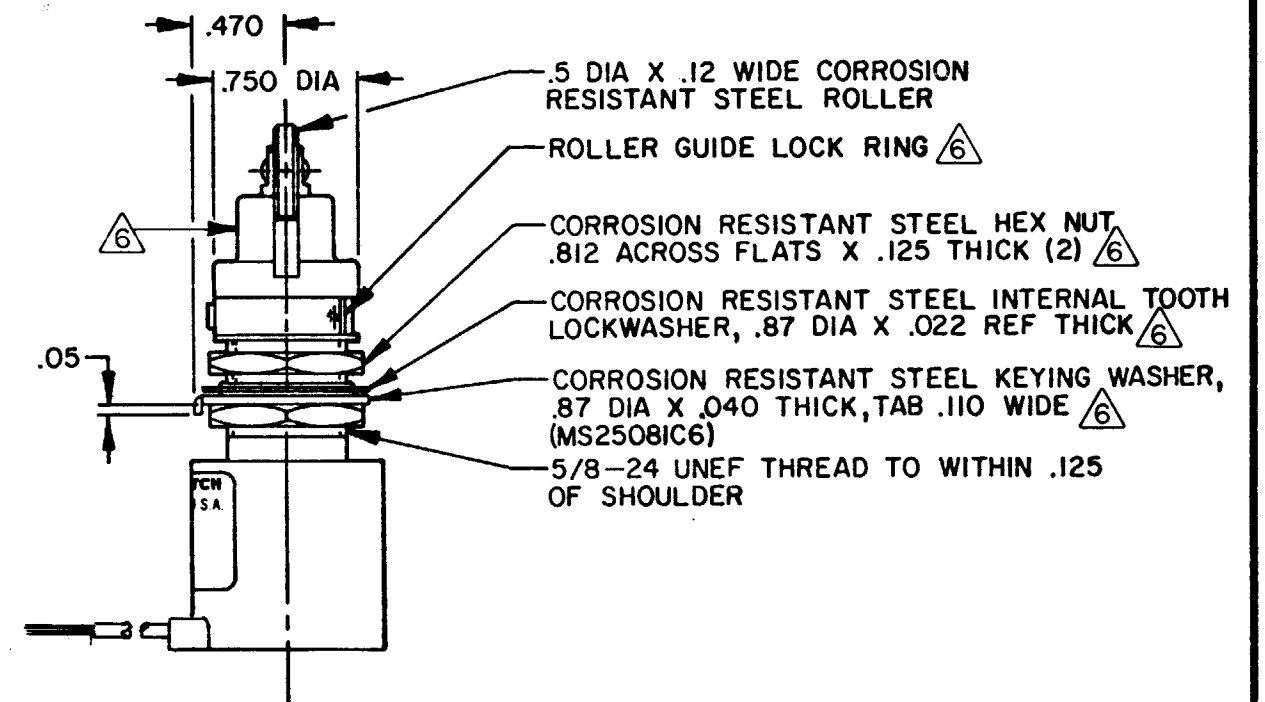
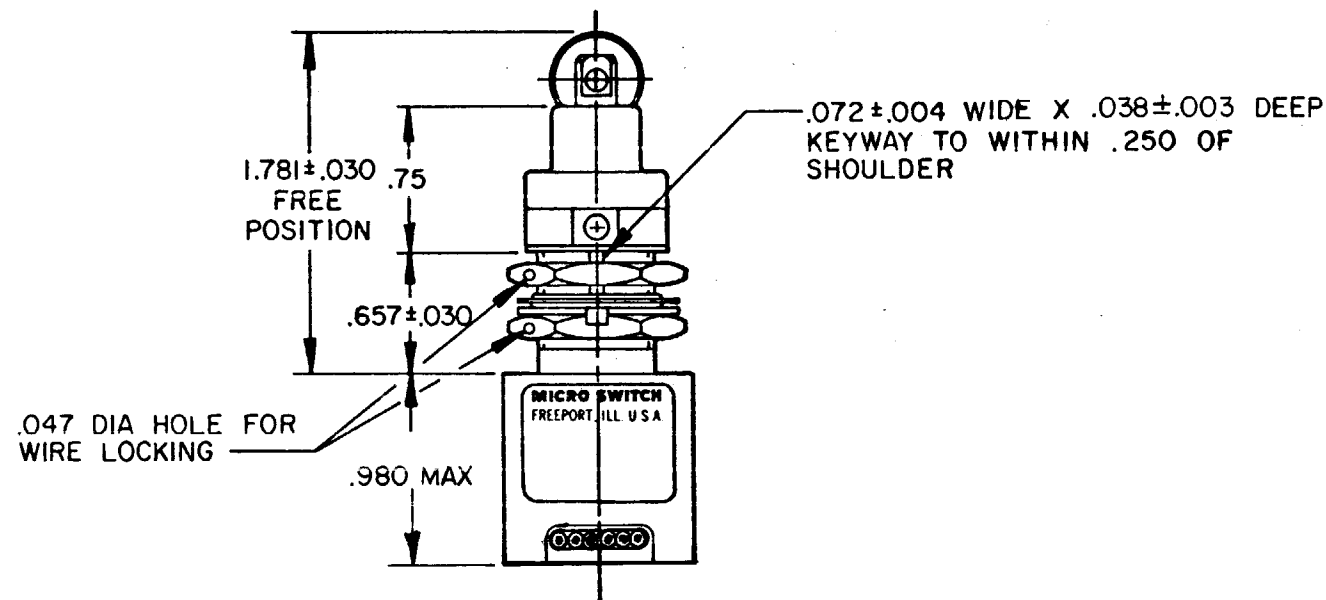
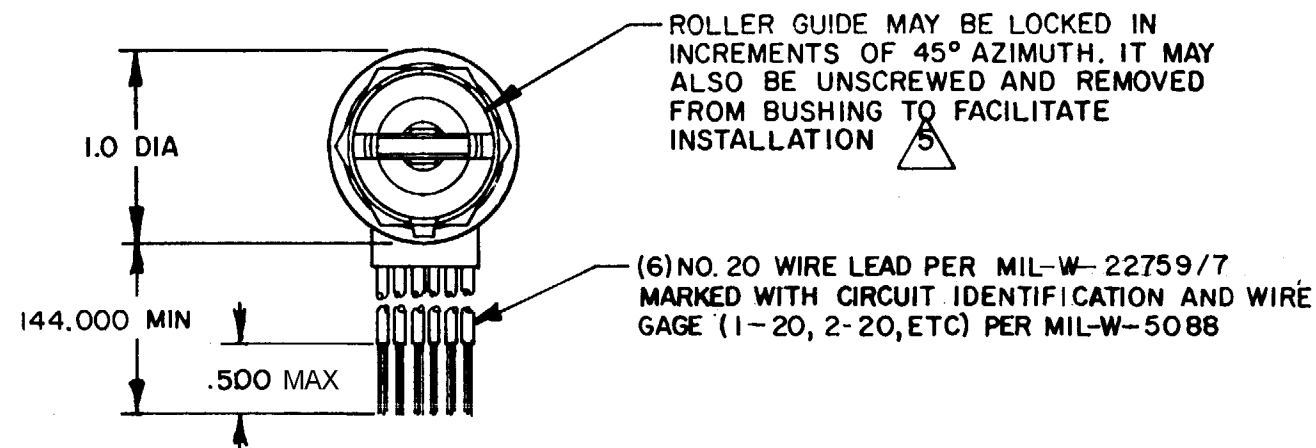


MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
21EN9-12



CIRCUIT DIAGRAM

21EN9-12

DRAWING NUMBER

ISSUE

REVISIONS

RELEASE NO. PR-8705

CHECK

DRAWN

FO-5285 1-A

REV	DATE	BY	CHKD	DESCRIPTION
A	12 SEP 79	G J W	CEB	12 SEP 79
B	28 APR 80	W J M	CEB	13 SEP 79
C	7 AUG 80	R J H	CEB	13 SEP 79
D	19 JAN 83	K A G	CEB	13 SEP 79
E	15 MAY 85	J A P	CEB	13 SEP 79
F	16 JAN 93	G J W	CEB	13 SEP 79
G	12 MAR 94	L J F	CEB	13 SEP 79
H	0061116	MBH	CEB	13 SEP 79

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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.
mm	mm/in	in	mm/in
NO PLACES	X	1/100	X
ONE PLACE	X,X	0.01/0.018	X,X
TWO PLACES	X,XX	0.001/0.002	X,XX
THREE PLACES	X,XXX	0.0001/0.0002	X,XXX
ANGLES			
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
RAW MATERIAL—COMMERCIAL STANDARD			
MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE			
PROTECTIVE COATINGS ARE APPLIED			
WEIGHT 11.5 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)		
LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - CIRCUIT IDENTIFICATION 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-PRF-8805

Mouser Electronics

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