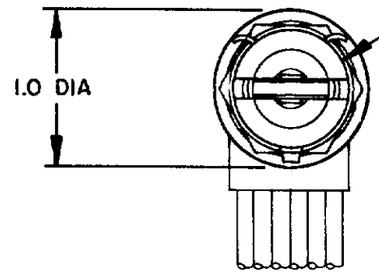
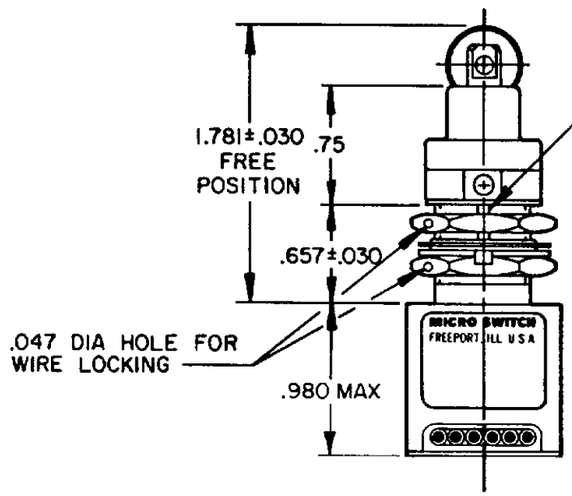
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED MFG CODE 91929

SWITCH – ENCLOSED

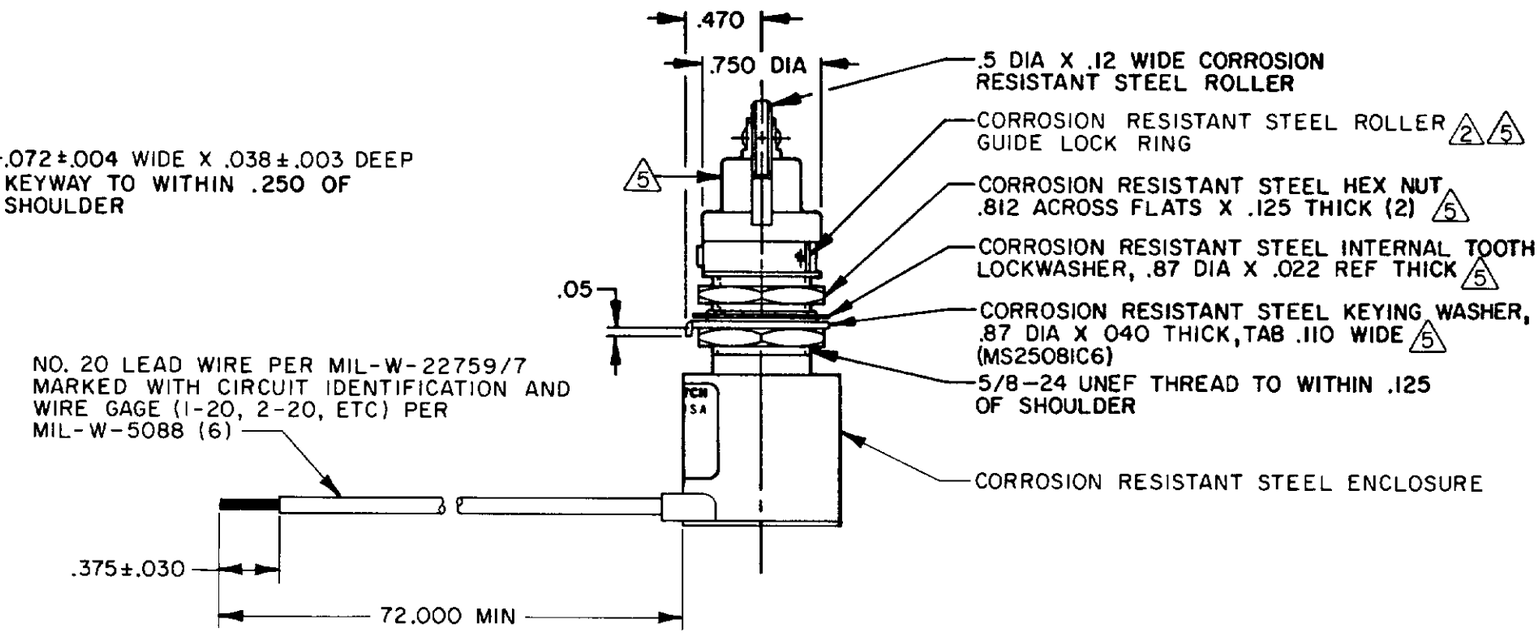
CATALOG LISTING
21EN314-6



ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION △2



.072±.004 WIDE X .038±.003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER



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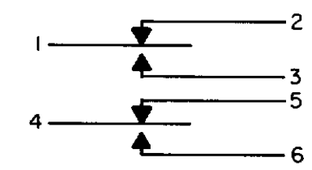

CIRCUIT DIAGRAM

NOTES
1 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
△2 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
3 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
4 - CIRCUIT DIAGRAM, CATALOG LISTING AND CUSTOMER IDENTIFICATION NUMBER ARE SHOWN ON NAMEPLATE
△5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED TOLERANCES ARE ±

	DIM. mm	TOL. mm/m	DIM. in	TOL. mm/m
NO PLACES	X	1° 0m		
ONE PLACE	X.X	0.4/.015	X.X	0.64/.00
TWO PLACES	X.XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS SI METRIC ☐ US CUSTOMARY ■

RAW MATERIAL–COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT 6.7 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
S P D T (2)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

REVISIONS

A	C044351	C E B	25 OCT 79
B	CO 47575 PART 4	R J H	12 AUG 80
C	C057370	J A P	15 MAY 85
D	C074101	G J W	23 JAN 93
E	CO 77506 B	S A D	13 MAY 94

DRAWN C E B 25 OCT 79
CHECK
CHECK C E B 26 OCT 79
CHECK
CHECK
ISSUE 8
DRAWING NUMBER M 21EN314-6
RELEASE NO. PR-2598 REPLACES
FO-5255-1-A