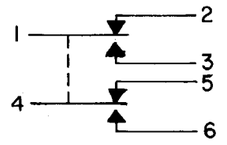
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

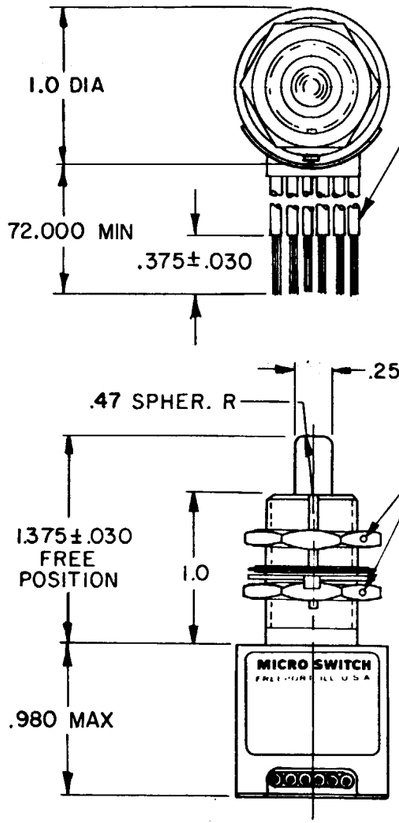
SWITCH-ENCLOSED

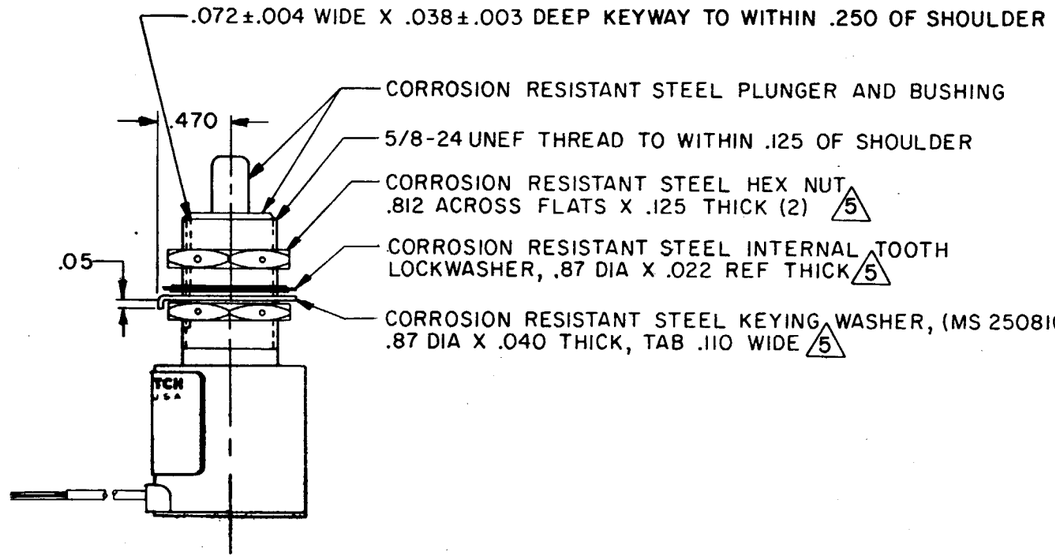
CATALOG LISTING
1EN537-6

M



CIRCUIT DIAGRAM





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

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	.230 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	

SCALE FULL
DO NOT SCALE PRINT

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

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACES	X.X	0.4/.016	X.X	0.8/.03
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 7.3 OZ MAX

THIRD ANGLE PROJECTION

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ISSUE	DRAWING NUMBER	RELEASE NO.	REPLACES
8	M 1EN537-6	PR-5260	

REVISIONS

A	C044351	WJM 22 JUN 79	
B	C047573	J A P 5 AUG 80	
C	CO 51246-E	WJM 10 JAN 83	
D	C057370	J A P 15 MAY 85	CHECK
E	C074101	GJW 16 JAN 93	
F	CO 77504A	LJF 14 MAR 94	27 JUNE 79

CHECK LH CHECK

DRAWN WJM 22 JUN 79

FD-52851-A