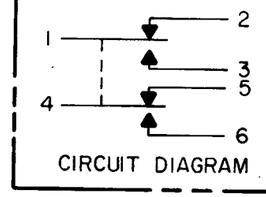
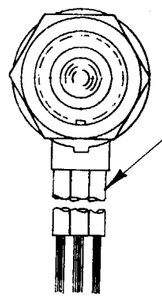
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED MFG. CODE 91929

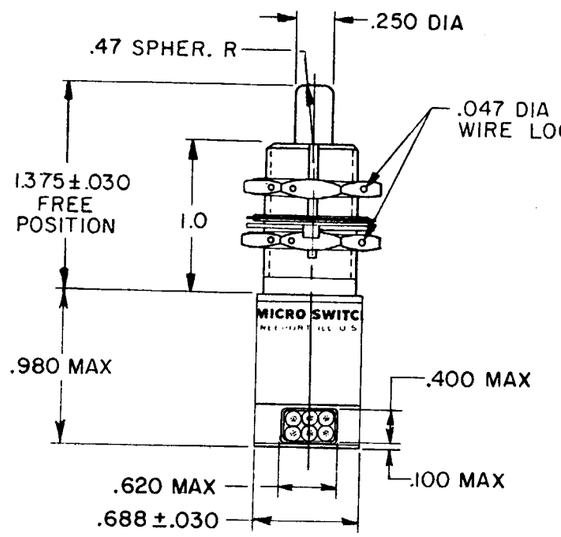
SWITCH-ENCLOSED

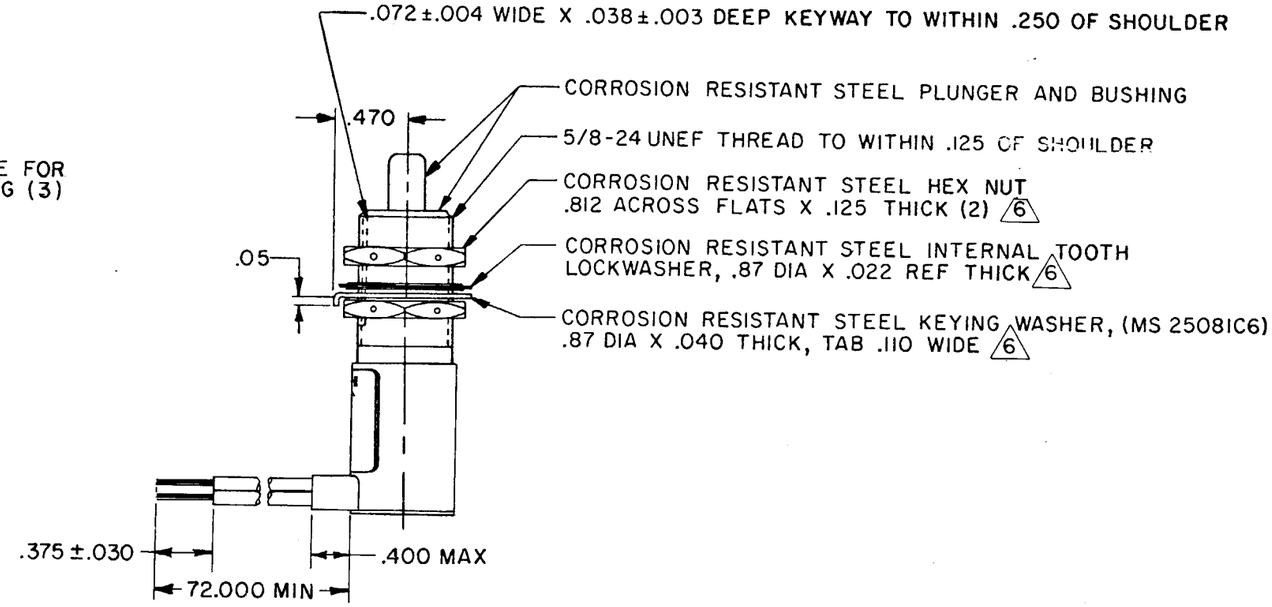
CATALOG LISTING
402EN66-6



CIRCUIT DIAGRAM


(6) NO. 20 WIRE LEAD PER MIL-W-81044/9 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20,2-20,ETC.) PER MIL-W-5088





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

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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. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	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 5.0 OZ MAX

CHARACTERISTICS

OPERATING FORCE	9 LB MAX
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	1	1
IND	0.5	0.5

REVISIONS

A	PR-8035	D J W 10 AUG 79	
B	C046777	J A P 12 NOV 79	
C	C O 48819	J M J 23 DEC 80	
D	C O 54192-8	K J S 9 DEC 83	
E	C057370	J A P 14 MAY 85	

ISSUE: M
DRAWING NUMBER: 402EN66-6
RELEASE NO. PR-8035
REPLACES

DRAWN D J W 10 AUG 79
CHECK
FO-52851-A