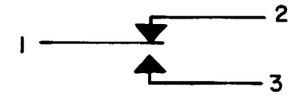
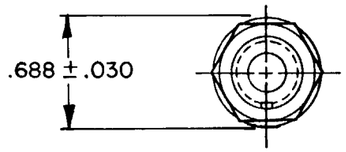
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

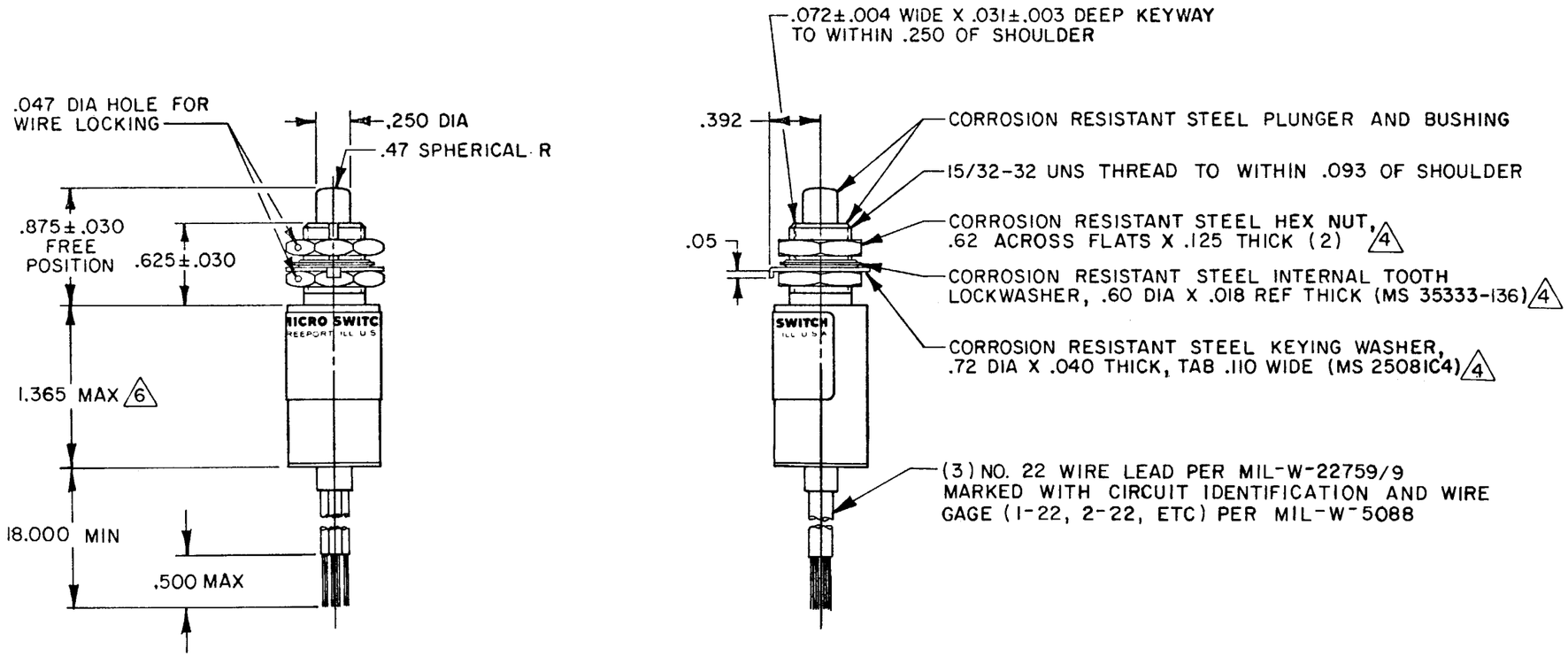
SWITCH-ENCLOSED

CATALOG LISTING
602EN61-B



CIRCUIT DIAGRAM





NOTES
1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
3 - CIRCUIT DIAGRAM, FED. MFG. CODE, DATE CODE AND CAT. LIST. ARE SHOWN ON NAMEPLATE
4 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
5 BOTTOM OF SWITCH COATED WITH RESILIENT POTTING MATERIAL
6 THIS DIMENSION EXCLUDES THE RESILIENT POTTING MATERIAL ON THE BOTTOM OF THE SWITCH

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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 3.5 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 — — — — — — — — .125 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	
LAMP		

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PAGE 1 OF 1
M
DRAWING NUMBER
ISSUE 17
REPLACES
RELEASE NO. SR-12848
CHECK

REVISIONS

A	C044351	WJM 5 MAR 80
B	C047573	J A P 7 AUG 80
C	C049280	C O 25 JMJ MAR 81
D	C049806	J A P 25 SEPT 81
E	C060123	C O S. J. S. 24 SEP 86
F	C068422	MAM 6 SEP 90
G	C094480	DLT 25 MAR 99

CHECK
CEB 7 MAR 80
CHECK
DRAWN WJM 5 MAR 80
FORMTEK FO-52051-A

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