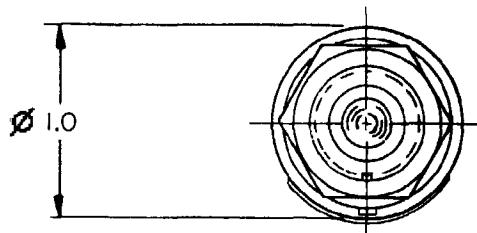
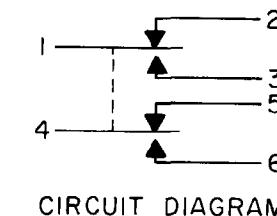


**MICRO SWITCH**  
FREERPORT ILLINOIS USA  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91829

**SWITCH - ENCLOSED**

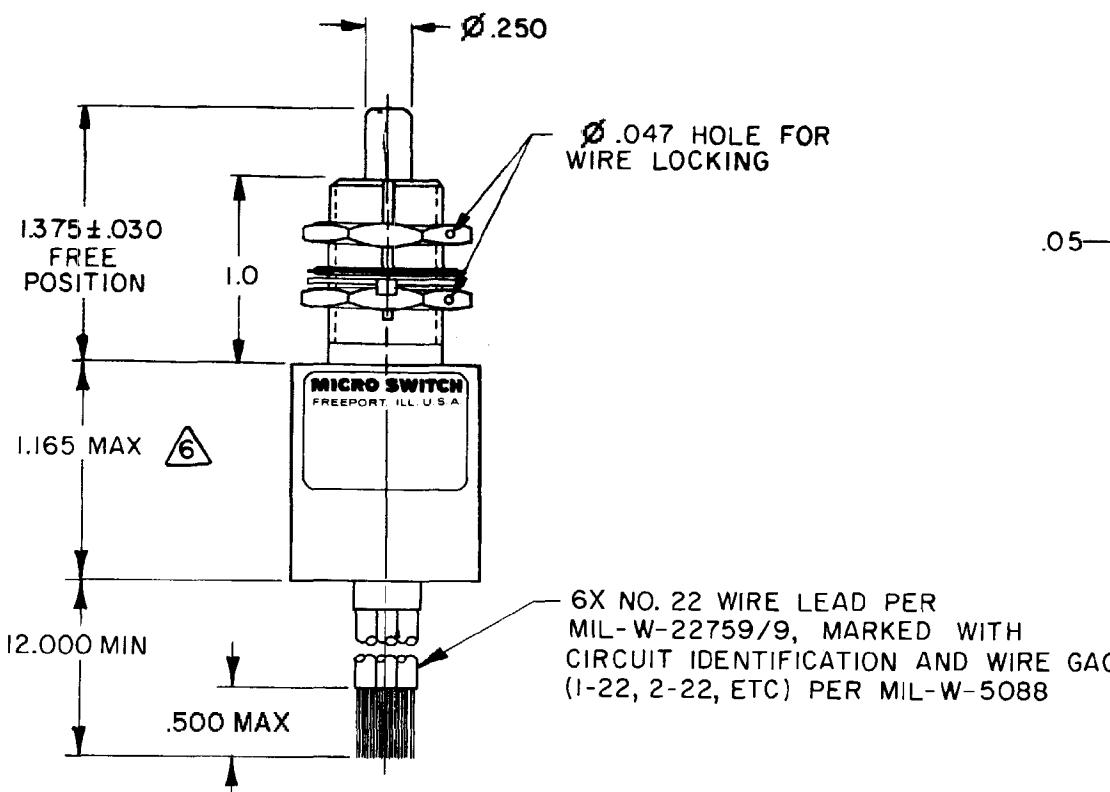
CATALOG LISTING  
**1EN51-1B**

WARNING - THIS PRODUCT IS SUBJECT TO THE U.S. INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR), AND THE EXPORT CONTROL LAWS OF THE UNITED STATES. TRANSFER OF TECHNICAL DATA PERTAINING TO THIS PRODUCT BY ANY MEANS TO A FOREIGN PERSON PER ITAR DEFINITIONS, WHETHER IN THE UNITED STATES OR ABROAD, WITHOUT A PRIOR EXPORT LICENSE OR OTHER APPROVAL FROM THE U.S. DEPARTMENT OF STATE, IS PROHIBITED.



**1EN51-1B**  
M PAGE 1 OF 1  
DRAWING NUMBER  
RELEASE NO. PR-432  
REPLACES

ISSUE 21  
REVISIONS  
A 44351 PART 5  
C E B 9 JAN 79  
B C047573  
J A P 5 AUG 80  
C C066712  
T J O 21 DEC 89  
D C0-94005  
PPF 14 DEC 98  
E C094480  
D.L.T. 26 MAR 99  
F 0006651  
TCC-AP 27 AUG 04  
C E B 9 JAN 79  
D.L.T. 12 JAN 79  
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

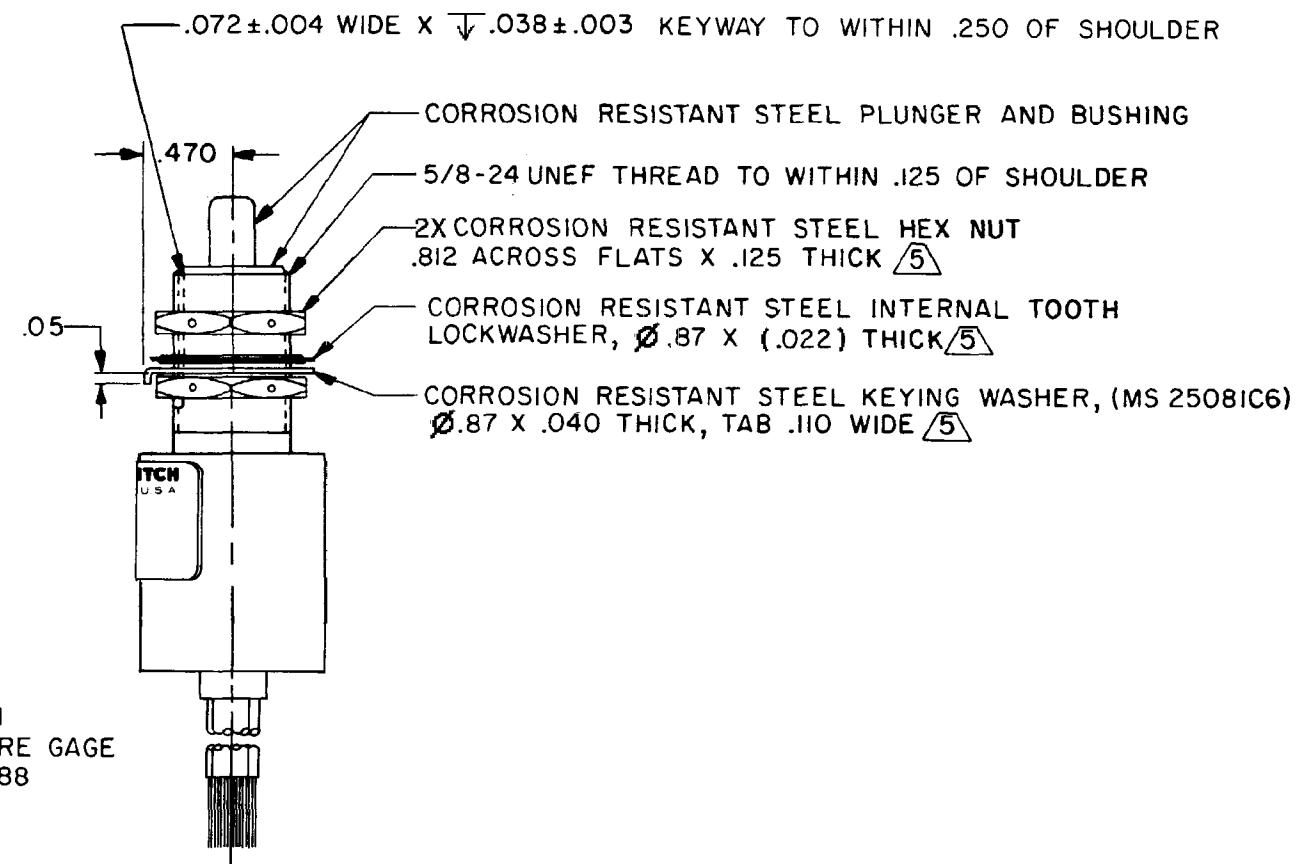


ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION

CHARACTERISTICS		ELECTRICAL DATA		CONTACT ARRANGEMENT		SCALE FULL	
OPERATING FORCE -----		6-12 LB		CONTACT ARRANGEMENT		DO NOT SCALE PRINT	
FULL OVERTRAVEL FORCE -----		30 LB MAX		2X S P D T		TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED. TOLERANCES ARE $\pm$	
RELEASE FORCE -----		4 LB MIN				DIM. mm TOL. mm/in DIM. in TOL. mm/in	
PRETRAVEL -----		.040 MAX				NO PLACES X X .04/.016 X X .08/.03 ONE PLACE X X .04/.016 X X .08/.03 TWO PLACES X, XX .05/.006 X, XX .08/.015 THREE PLACES X, XX .05/.006 X, XX .08/.015 ANGLES X, XX .05/.006 X, XX .08/.015	
DIFFERENTIAL TRAVEL -----		.020 MAX				DESIGN UNITS SI METRIC <input type="checkbox"/> US CUSTOMARY <input checked="" type="checkbox"/>	
OVERTRAVEL -----		.250 MIN				RAW MATERIAL-COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY	
						DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED	
						WEIGHT 4.0 OZ MAX	



NOTES

- CORROSION RESISTANT STEEL ENCLOSURE
- SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE, FED. MFG. CODE AND CUSTOMER PART NO. 10654-1 ARE SHOWN ON NAMEPLATE
- COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- THIS DIMENSION EXCLUDES THE RESILIENT POTTING MATERIAL ON THE BOTTOM OF SWITCH

# Mouser Electronics

Authorized Distributor

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