

# MICRO SWITCH

FREEPORT ILLINOIS, U.S.A  
A DIVISION OF HONEYWELL INC.  
FED. MFG. CODE 91929

## SWITCH-BASIC

CATALOG LISTING

14HM19-5

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DRAWING  
NUMBER

4

ISSUE

REPLACES

RELEASE NO. PR-17073

CHECK

### REVISIONS

A	PR-17073
KAK	30 JAN 89
B	CO 71228
DAW	29 OCT 91
C	CO94220
DLT	24 MAR 99

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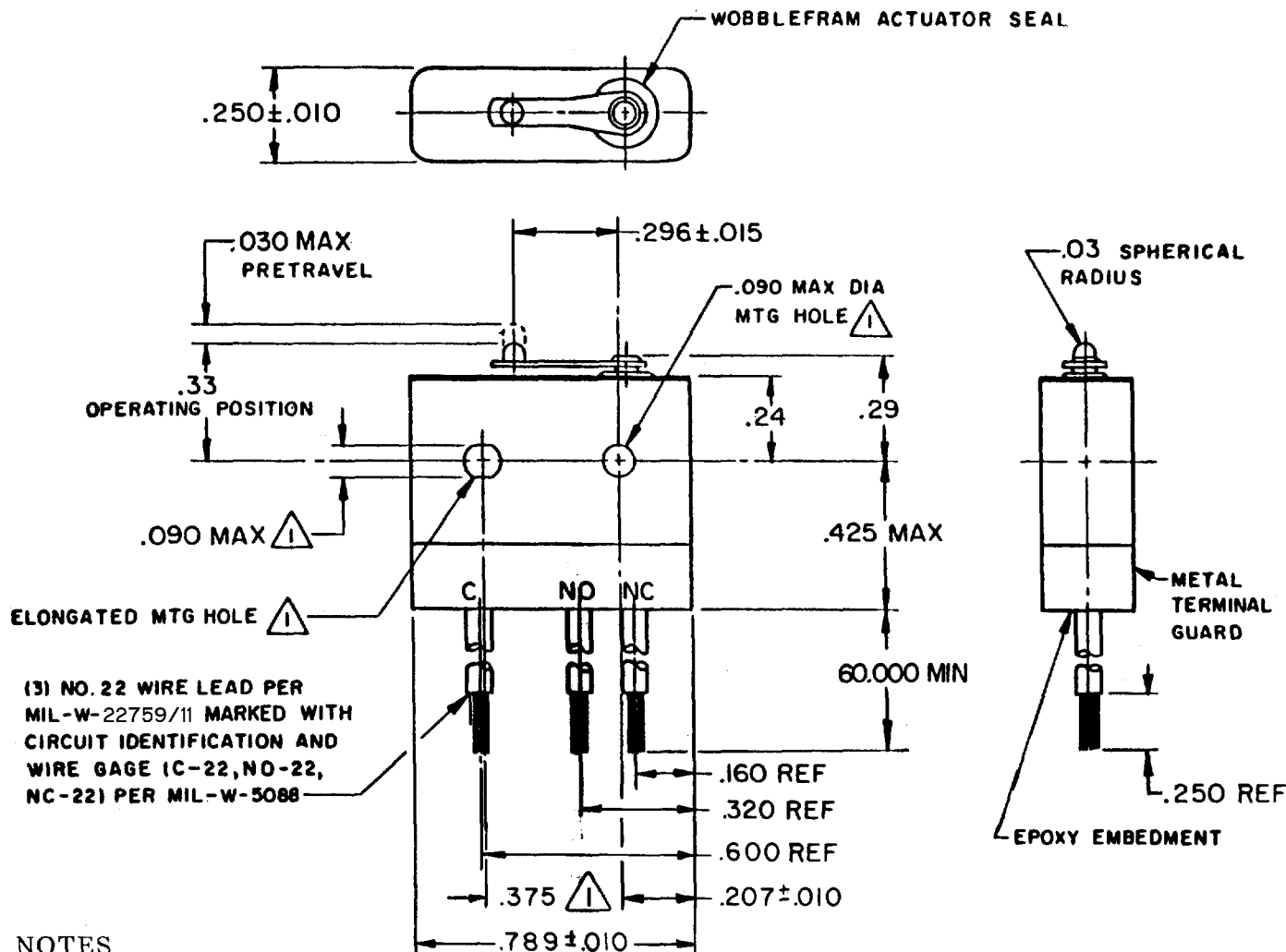
FORMTEK

FO-52848-B

DRAWN

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KAK 30JAN89

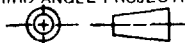


### NOTES

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF  $.087$  MAX DIA ON  $.375 \pm .002$  CENTERS
- 2 - FOR USE IN TEMPERATURE RANGE  $-85^{\circ}$  F TO  $+325^{\circ}$  F
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 WEIGHT OF SWITCH ONLY IS  $0.22$  OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS  $1.0$  OZ MAX PER FOOT
- 6 - DO NOT APPLY MORE THAN  $1\frac{1}{2}$  INCH-POUNDS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 7 - SWITCH WILL REMAIN FUNCTIONAL AFTER BEING SUBJECTED TO THE SHOCK OF MIL-S-901 GRADE A, SUBASSEMBLY, CLASS 1 LIGHT WEIGHT TYPE C
- 8 - GOLD ALLOY STATIONARY CONTACTS
- 9 -  $24K$  GOLD MOVABLE CONTACT

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THIRD ANGLE PROJECTION



### CHARACTERISTICS

OPERATING FORCE -----  $7$  OZ MAX  
RELEASE FORCE -----  $1$  OZ MIN  
DIFFERENTIAL TRAVEL -----  $.006$  MAX  
OVERTRAVEL -----  $.003$  MIN

### ELECTRICAL DATA

CONTACT ARRANGEMENT  
S P D T

LOAD	SEA LEVEL		70,000FT
	28 VDC		28 VDC
RESISTIVE	1 AMP		1 AMP
INDUCTIVE	1/4 AMP		1/4 AMP

SCALE 2:1

DO NOT  
SCALE PRINT

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE

ONE PLACE  $(.0)$   $\pm .030$   
TWO PLACE  $(.00)$   $\pm .015$   
THREE PLACE  $(.000)$   $\pm .005$   
ANGLES  $\pm$

WEIGHT



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