

# MICRO SWITCH

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

## SWITCH - BASIC

CATALOG LISTING

15HM2

15HM2

M

DRAWING  
NUMBER

3

8

ISSUE

REPLACES

PR-9969

CHECK

### REVISIONS

|    |            |
|----|------------|
| A  | PR-9969    |
| 17 | WJM MAR 81 |
| B  | C071228    |
| 29 | DAW OCT 91 |

CHECK

18 MAR 81

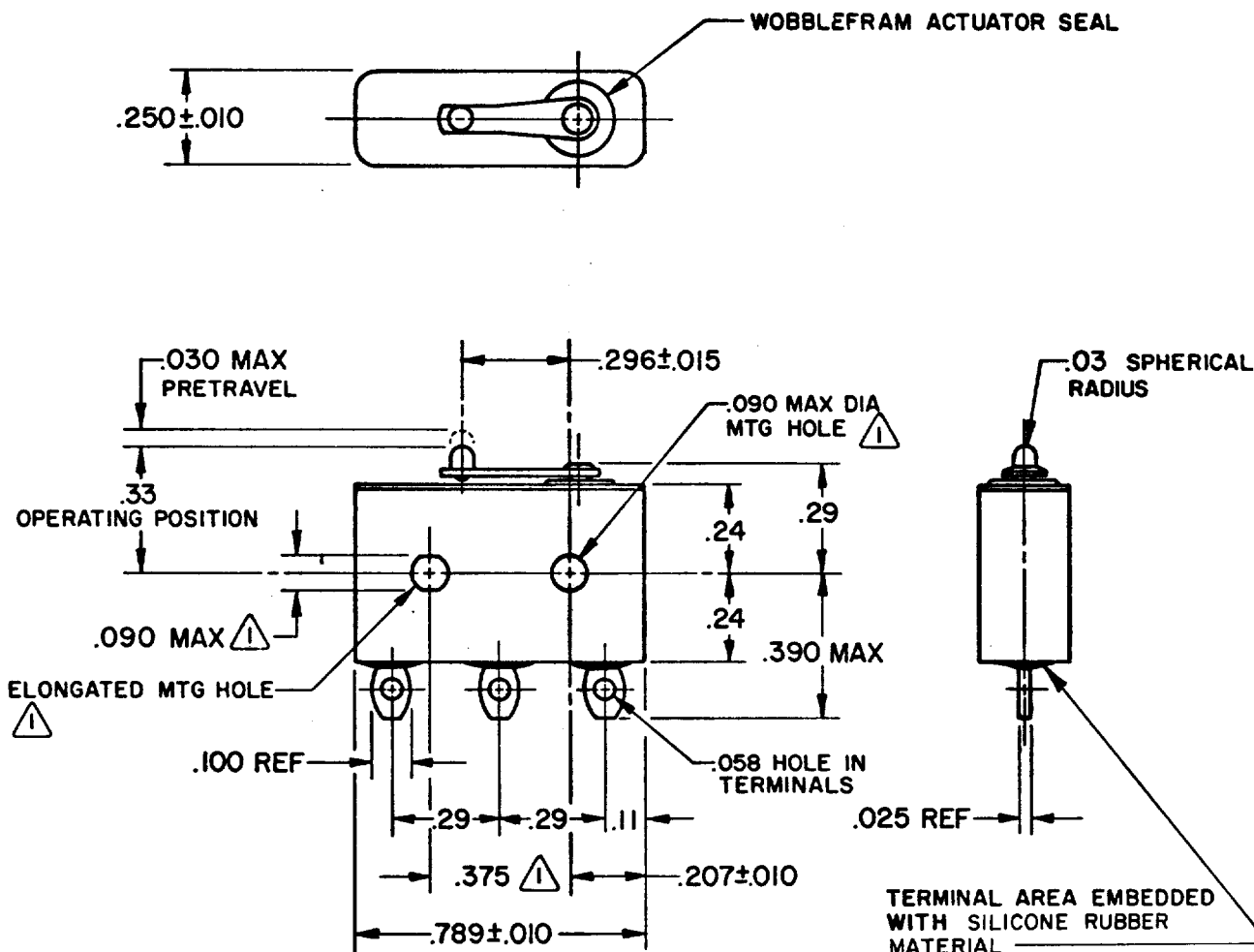
CHECK

17 MAR 81

CHECK

FO-32848-A

DRAWN

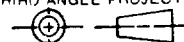


### NOTE-

1. MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375 ± .002 CENTERS
2. FOR USE IN TEMPERATURE RANGE -85°F TO +500°F
3. HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
4. ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
5. DO NOT APPLY MORE THAN 1 1/2 INCH-POUNDS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
6. SWITCH WILL REMAIN FUNCTIONAL AFTER BEING SUBJECTED TO THE SHOCK OF MIL-S-901 GRADE A, SUBASSEMBLY, CLASS I, LIGHTWEIGHT TYPE C

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THIRD ANGLE PROJECTION



### CHARACTERISTICS

OPERATING FORCE --- 7 OZ MAX

RELEASE FORCE ----- 1 OZ MIN

DIFFERENTIAL TRAVEL -- .0003 - .006

OVERTRAVEL ----- .003 MIN

### ELECTRICAL DATA

CONTACT ARRANGEMENT  
S P D T

| LINE VOLTAGE                     | INDUCTIVE LOAD | RESISTIVE LOAD |
|----------------------------------|----------------|----------------|
| SEA LEVEL<br>70,000 FT<br>28 VDC | 1 AMP          | 3 AMP          |
| SEA LEVEL<br>115<br>(400 CYCLE   | 1 AMP          | 1 AMP          |

SCALE 2:1

DO NOT SCALE PRINT

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

|              | DIM.<br>mm | TOL.<br>mm/in | DIM.<br>in | TOL.<br>mm/in |
|--------------|------------|---------------|------------|---------------|
| NO PLACES    | X          | 1/64          | X          | 0.001         |
| ONE PLACE    | X,X        | 0.4/0.016     | X,X        | 0.001/0.016   |
| TWO PLACES   | X,XX       | 0.15/0.006    | X,XX       | 0.001/0.016   |
| THREE PLACES | X,XXX      |               | X,XXX      | 0.001/0.016   |

DESIGN UNITS ☐ SI METRIC ☐ US CUSTOMARY

WEIGHT .014 LB MAX

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