

# MICRO SWITCH

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

# SWITCH - BASIC

CATALOG LISTING  
**6HM7-6**

6HM7-6

M

DRAWING NUMBER

X

8

10

ISSUE

8

10

REPLACES

PR-7927

CHECK

REVISIONS

|   |                  |
|---|------------------|
| A | PR7927           |
|   | WJM<br>1 JUN 79  |
| B | CO<br>51888      |
|   | WJM<br>20 SEP 82 |
| C | CO71228          |
|   | DAW<br>1 NOV 91  |
| D | CO<br>76711      |
|   | DLT<br>12 MAY 94 |
| E | CO80788          |
|   | SAD<br>24 APR 95 |

CHECK

1 JUN 79

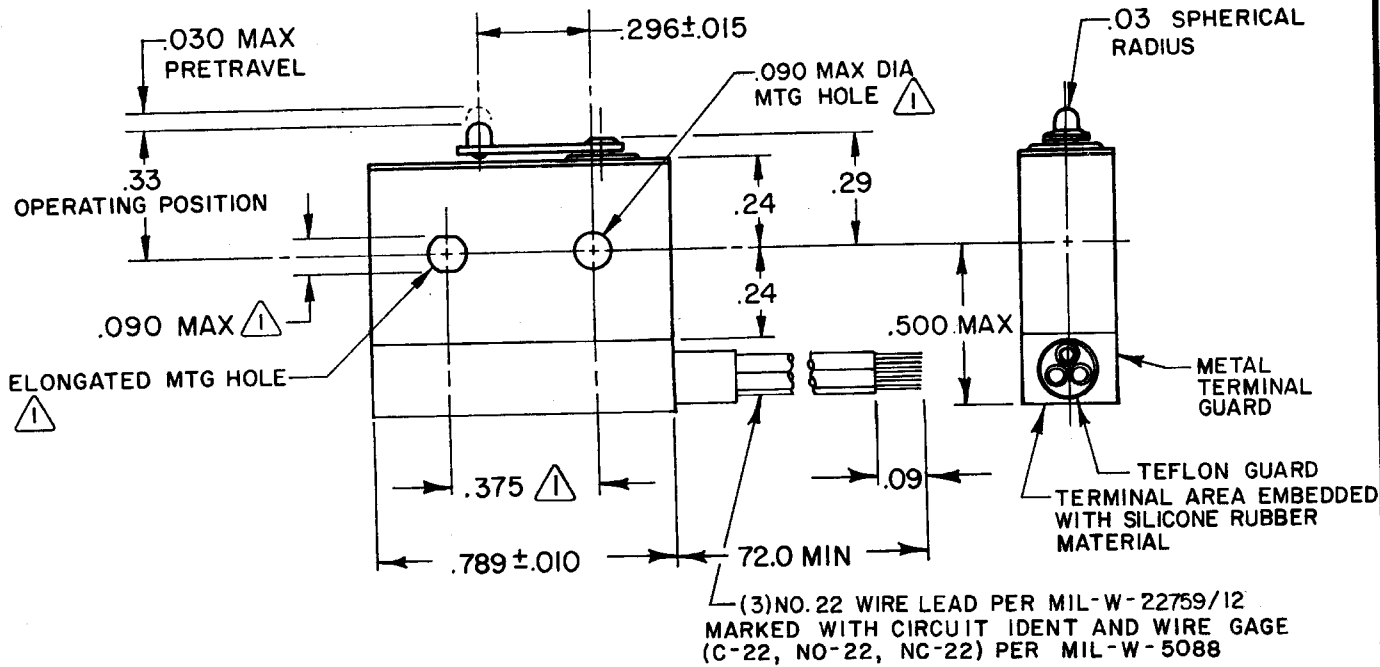
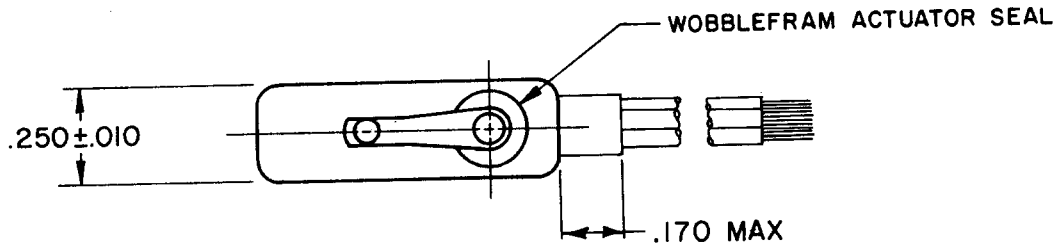
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WJM



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 (DOWN TO -300°F IF WIRE LEADS ARE NOT FLEXED)
- 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 0.20 OZ MAX PER FOOT
- 6 - DO NOT APPLY MORE THAN 1 1/2 INCH-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS

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| CHARACTERISTICS                    | ELECTRICAL DATA                |                |                | SCALE 2 TO 1              |
|------------------------------------|--------------------------------|----------------|----------------|---------------------------|
|                                    | CONTACT ARRANGEMENT<br>S P D T |                |                | DO NOT SCALE PRINT        |
| OPERATING FORCE ----- 7 OZ MAX     | LINE VOLTAGE                   | INDUCTIVE LOAD | RESISTIVE LOAD | UNLESS OTHERWISE NOTED    |
| RELEASE FORCE ----- 1 OZ MIN       |                                |                |                | 28 VDC                    |
| DIFFERENTIAL TRAVEL ----- .006 MAX | 115 VAC<br>(400 CYCLE)         | 2 1/2 AMP      | 2 1/2 AMP      | <b>TOLERANCES ARE</b>     |
| OVERTRAVEL ----- .003 MIN          |                                |                |                | ONE PLACE (.0) ± .030     |
|                                    |                                |                |                | TWO PLACE (.00) ± .015    |
|                                    |                                |                |                | THREE PLACE (.000) ± .005 |
|                                    |                                |                |                | ANGLES ±                  |
|                                    |                                |                |                | WEIGHT 5                  |

FO-52848

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