

**MICRO SWITCH**  
a Honeywell Division

FED. MFG. CODE 91929

# SWITCH - BASIC

CATALOG LISTING

**6HM48-1**

CATALOG LISTING  
**6HM48-1**

PAGE 1 OF 1

ISSUE  
**8**

REPLACES

RELEASE NO. PR-3005

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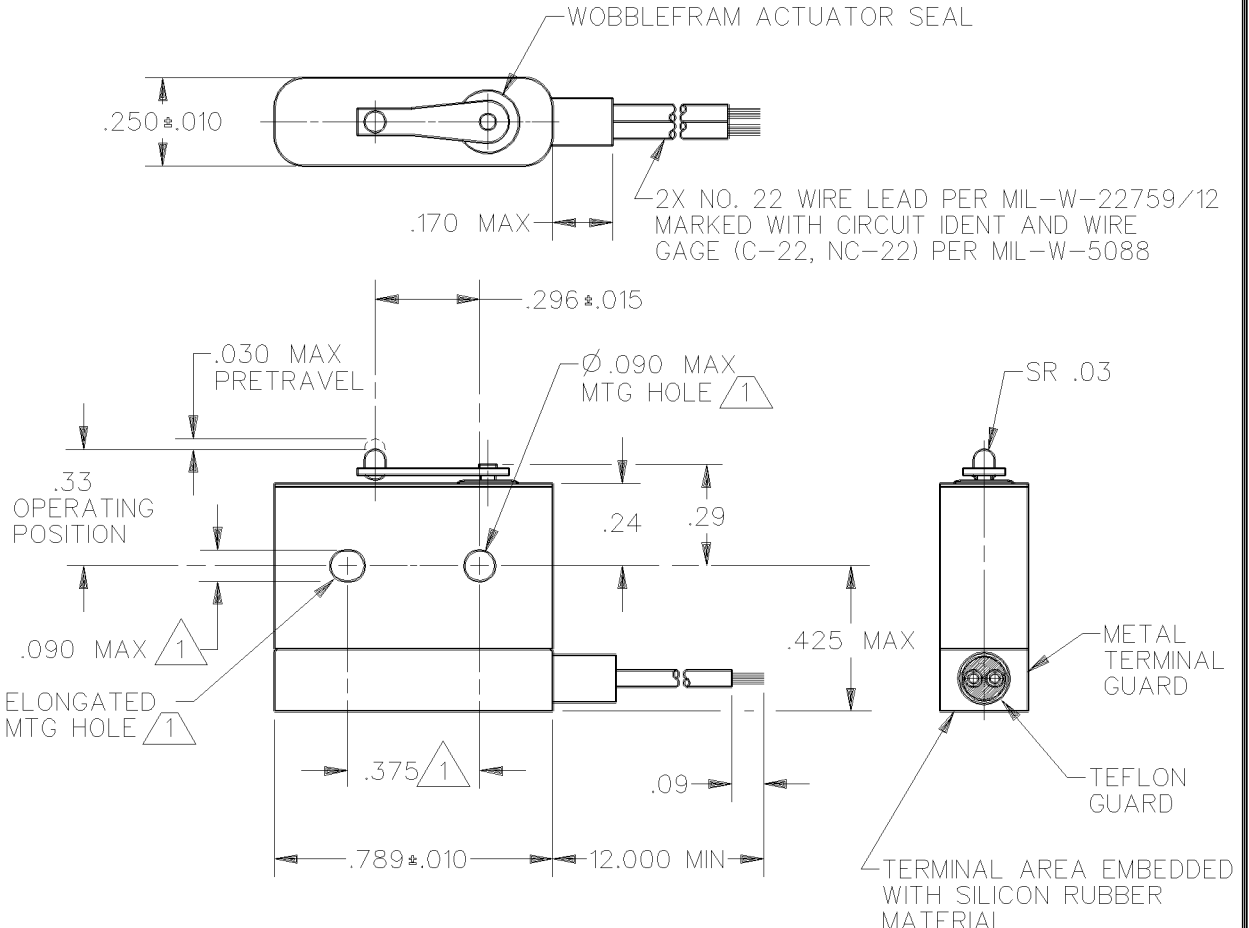
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| REVISIONS |                                       |
|-----------|---------------------------------------|
| A         | OBS<br>C067958<br>SLB<br>18 JUN 91    |
| B         | REINST<br>PR19355<br>MAM<br>21 JUN 91 |
| C         | CO-<br>71228<br>TSM<br>5 NOV 91       |
| D         | CO-<br>80788<br>SAD<br>25 APR 95      |



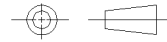
## NOTES

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF Ø .087 MAX 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, METAL TO GLASS)
- 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 0.14 OZ MAX PER FOOT
- 6 - DO NOT APPLY MORE THAN 1 1/2 INCH LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS

ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION



| CHARACTERISTICS                    | ELECTRICAL DATA                |                |                | SCALE 2:1                                 | DO NOT SCALE PRINT |
|------------------------------------|--------------------------------|----------------|----------------|-------------------------------------------|--------------------|
| OPERATING FORCE — — — 7 OZ MAX     | CONTACT ARRANGEMENT<br>S P N C |                |                | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE |                    |
| RELEASE FORCE — — — — 1 OZ MIN     | LINE VOLTAGE                   | INDUCTIVE LOAD | RESISTIVE LOAD |                                           |                    |
| DIFFERENTIAL TRAVEL — — — .006 MAX | 28 VDC                         | 2 AMP          | 4 AMP          | ONE PLACE (.0) ±.030                      |                    |
| OVERTRAVEL — — — — .003 MIN        | 115 VAC<br>(400 CYCLE)         | 2 1/2 AMP      | 2 1/2 AMP      | TWO PLACE (.00) ±.015                     |                    |
|                                    |                                |                |                | THREE PLACE (.000) ±.005                  |                    |
|                                    |                                |                |                | ANGLES ±                                  |                    |
|                                    |                                |                |                | WEIGHT 5                                  |                    |

DDM/CAD

DRAWN

MAM 21 JUN 91

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