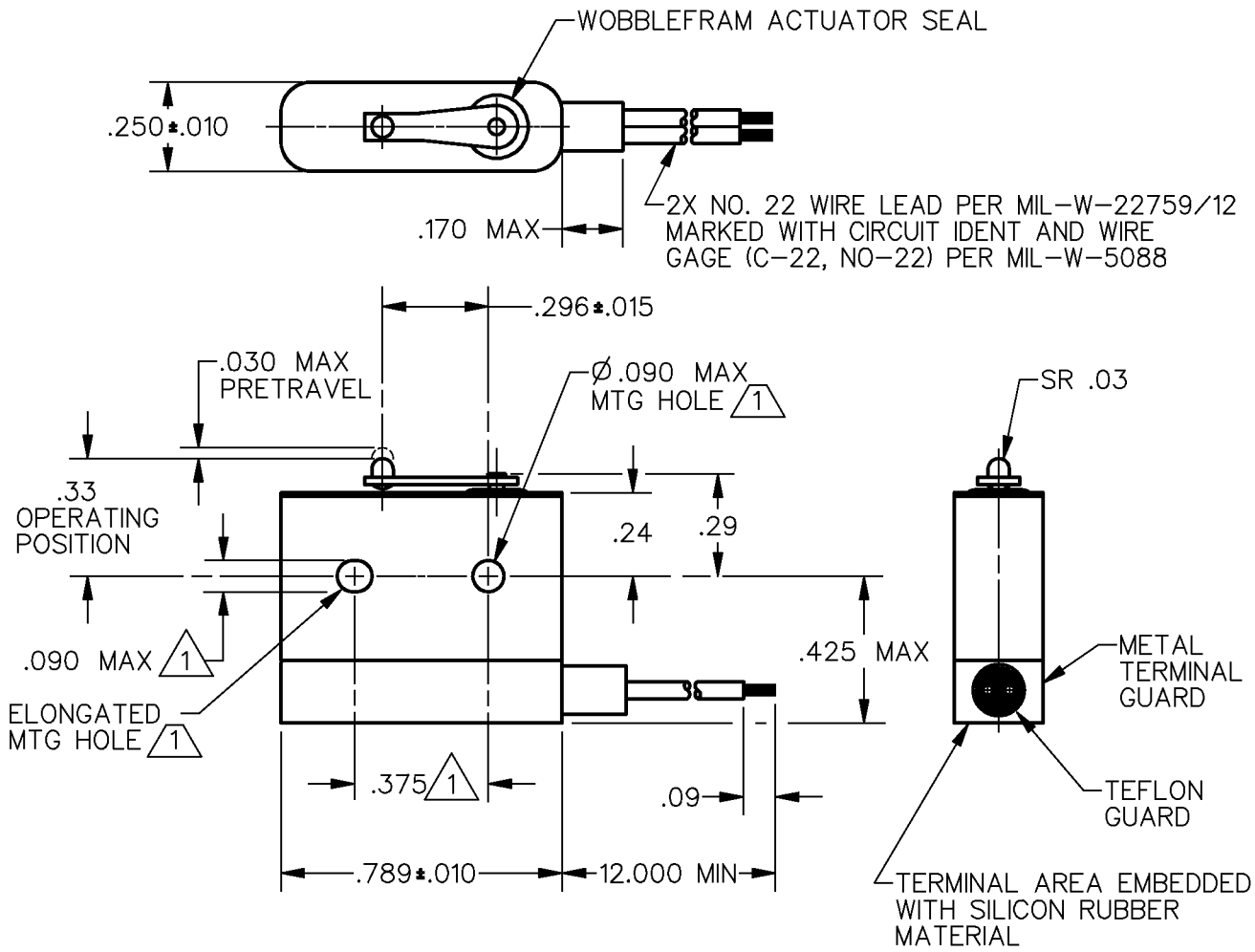
**MICRO SWITCH**
a Honeywell Division
FED.MFG.CODE 91929

# SWITCH – BASIC

CATALOG LISTING
**6HM42–1**




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

OPERATING FORCE — — — 7 OZ MAX
RELEASE FORCE — — — — 1 OZ MIN
DIFFERENTIAL TRAVEL — — — .004 MAX
OVERTRAVEL — — — — — .003 MIN

## ELECTRICAL DATA

CONTACT ARRANGEMENT
SPNO

| LINE VOLTAGE | INDUCTIVE LOAD | RESISTIVE LOAD |
|---|---|---|
| 28 VDC | 2 AMP | 4 AMP |
| 115 VAC (400 CYCLE) | 2 1/2 AMP | 2 1/2 AMP |

SCALE 2:1 — DO NOT SCALE PRINT

**UNLESS OTHERWISE SPECIFIED TOLERANCES ARE**

| | | |
|---|---|---|
| ONE PLACE | (.0) | ±.030 |
| TWO PLACE | (.00) | ±.015 |
| THREE PLACE | (.000) | ±.005 |
| ANGLES | | ± |

WEIGHT 5

CATALOG LISTING 6HM42–1
PAGE 1 OF 1
ISSUE 7
REPLACES
RELEASE NO. PR–2952
CHECK
CHECK
CHECK
DRAWN JAK 30 SEP 96
DDM/CAD

REVISIONS
A OBS C078867 CSL 17 AUG 94
B REINST PR22428 JAK 27 SEP 96