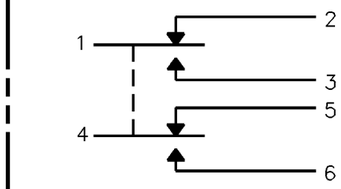
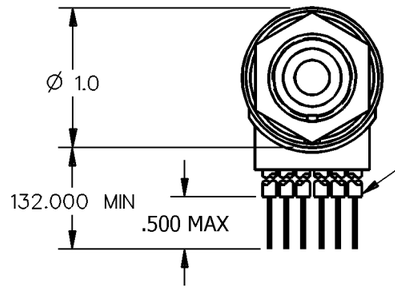
**MICRO SWITCH**
a Honeywell Division
FED. MFG. CODE 91929

# SWITCH – ENCLOSED

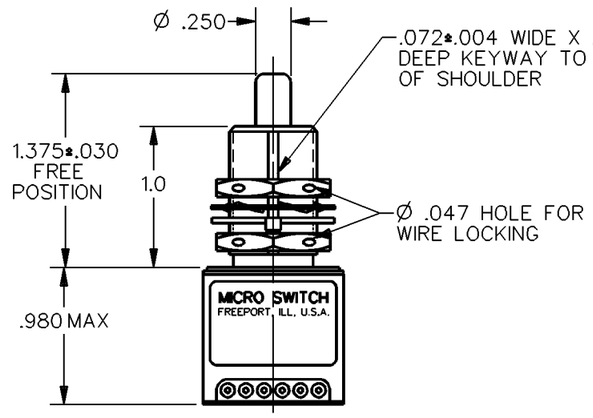
CATALOG LISTING
1EN216–11



CIRCUIT DIAGRAM

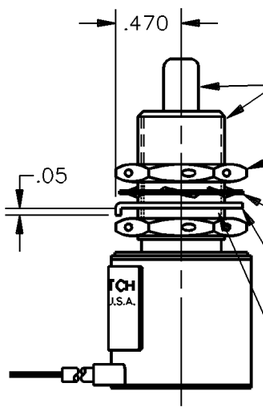


6X NO. 20 WIRE LEAD PER MIL–W–22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1–20,2–20,ETC.) PER MIL–W–5088



.072±.004 WIDE X .038±.003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER

Ø .047 HOLE FOR WIRE LOCKING



CORROSION RESISTANT STEEL PLUNGER AND BUSHING

2X CORROSION RESISTANT STEEL HEX NUT .812 ACROSS FLATS X .125 THICK 5

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, Ø .87 X (.022) THICK 5

CORROSION RESISTANT STEEL KEYING WASHER Ø .87 X .040 THICK, TAB .110 WIDE 5 (MS25081C6)

5/8–24 UNEF THREAD TO WITHIN .125 OF SHOULDER

NOTES
1 – CORROSION RESISTANT STEEL ENCLOSURE
2 – SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
3 – COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
4 – CIRCUIT DIAGRAM, CATALOG LISTING AND DATE CODE ARE SHOWN ON NAMEPLATE
5 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

**UNLESS OTHERWISE SPECIFIED TOLERANCES ARE**

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

WEIGHT 11.0 OZ MAX

ANSI Y14.5M–1982 APPLIES

**CHARACTERISTICS**

| | |
|---|---|
| OPERATING FORCE | 6–12 LB |
| FULL OVERTRAVEL FORCE | 30 LB MAX |
| RELEASE FORCE | 4 LB MIN |
| PRETRAVEL | .040 MAX |
| DIFFERENTIAL TRAVEL | .020 MAX |
| OVERTRAVEL | .250 MIN |

**ELECTRICAL DATA**

CONTACT ARRANGEMENT
2X S P D T

| LOAD | 28 VDC | |
|---|---|---|
| | SEA LEVEL | 50,000 FT. |
| RES | 4 | 4 |
| IND | 2 | 2 |
| MOTOR | 4 | |

REVISIONS

| | | | |
|---|---|---|---|
| A | CO-77504-A | S A V | 16 MAR 94 |
| B | 0004192 | AS | 31 MAR 04 |

DRAWN DDM/CAD
S A V 16 MAR 94 CHECK
AK 31 MAR 04 CHECK
CHECK

ISSUE M 17

CATALOG LISTING 1EN216–11
RELEASE NO. SR–12121 REPLACES