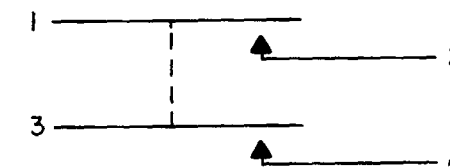
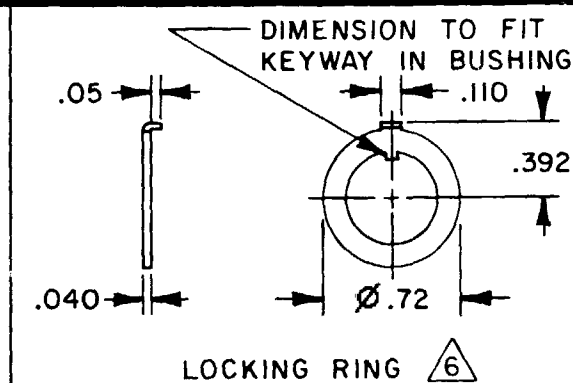


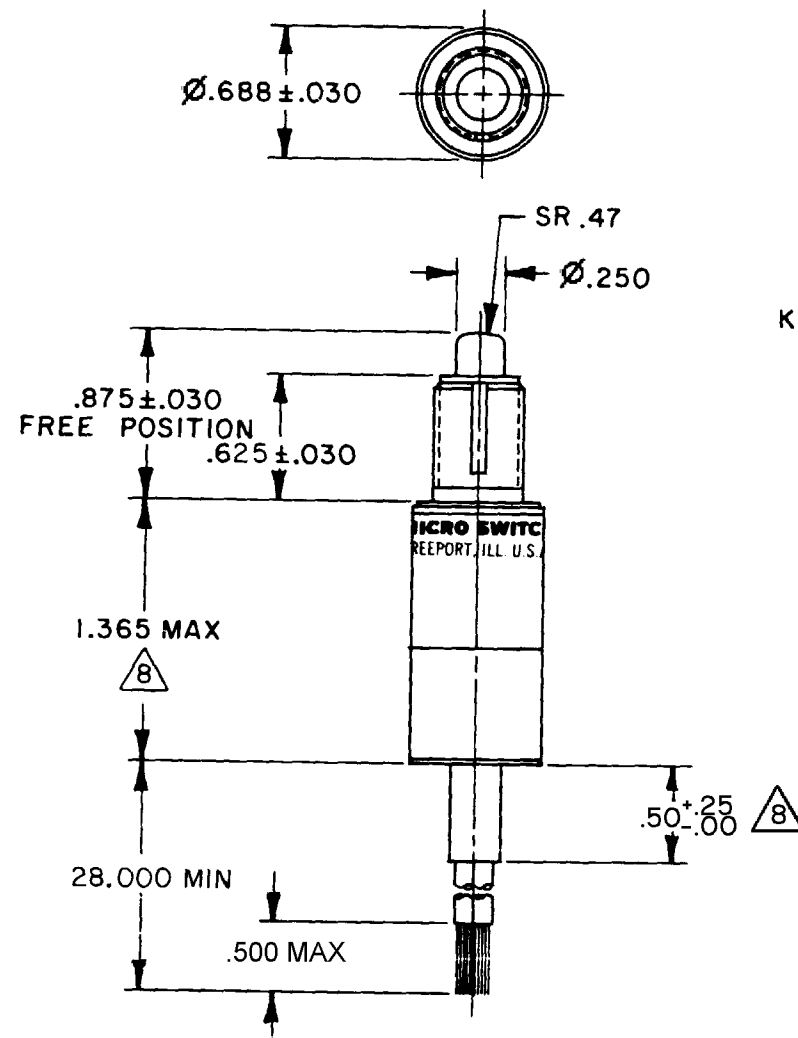
**MICRO SWITCH**  
a Honeywell Division  
FED. MFG. CODE 91929

**SWITCH - ENCLOSED**

CATALOG LISTING  
**602EN196-B**



CIRCUIT DIAGRAM



.072 ± .004 WIDE X .031 ± .003  
KEYWAY TO WITHIN .250 OF SHOULDER

CORROSION RESISTANT STEEL  
PLUNGER AND BUSHING

15/32-32 UNS THREAD TO  
WITHIN .093 OF SHOULDER

4X 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

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM, CAT. LIST. AND DATE CODE ARE PERMANENTLY MARKED ON SWITCH
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 - SWITCH HAS "EP" O-RING
- 6 - FURNISHED UNASSEMBLED
- 7 - BOTTOM OF SWITCH COATED WITH RESILIENT POTTING MATERIAL
- 8 - THIS DIMENSION EXCLUDES THE RESILIENT POTTING MATERIAL ON THE BOTTOM OF THE SWITCH

ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

| 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            | .125 MIN  |

| ELECTRICAL DATA     |           |            |
|---------------------|-----------|------------|
| CONTACT ARRANGEMENT |           |            |
| 2X S P N O          |           |            |
| LOAD                | 28 VDC    |            |
|                     | SEA LEVEL | 50,000 FT. |
| RES                 | 5         |            |
| IND                 | 3         |            |

| TOLERANCES                                                                                |         |           |         |
|-------------------------------------------------------------------------------------------|---------|-----------|---------|
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ± |         |           |         |
| DIM.                                                                                      | TOL.    | DIM.      | TOL.    |
| mm                                                                                        | mm/in   | in        | mm/in   |
| NO PLACES                                                                                 | X       | 1/104     |         |
| ONE PLACE                                                                                 | X,X     | 0.41/016  | X X     |
| TWO PLACES                                                                                | X,X,X   | 0.157/006 | X X X   |
| THREE PLACES                                                                              | X,X,X,X | 0.387/015 | X X X X |
| ANGLES                                                                                    |         | 0.157/005 |         |
| DESIGN UNITS                                                                              |         |           |         |
| SI METRIC                                                                                 |         |           |         |
| US CUSTOMARY                                                                              |         |           |         |
| RAW MATERIAL-COMMERCIAL STANDARD                                                          |         |           |         |
| MICRO SWITCH STANDARDS APPLY                                                              |         |           |         |
| DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED                           |         |           |         |
| WEIGHT 4.8 OZ MAX                                                                         |         |           |         |