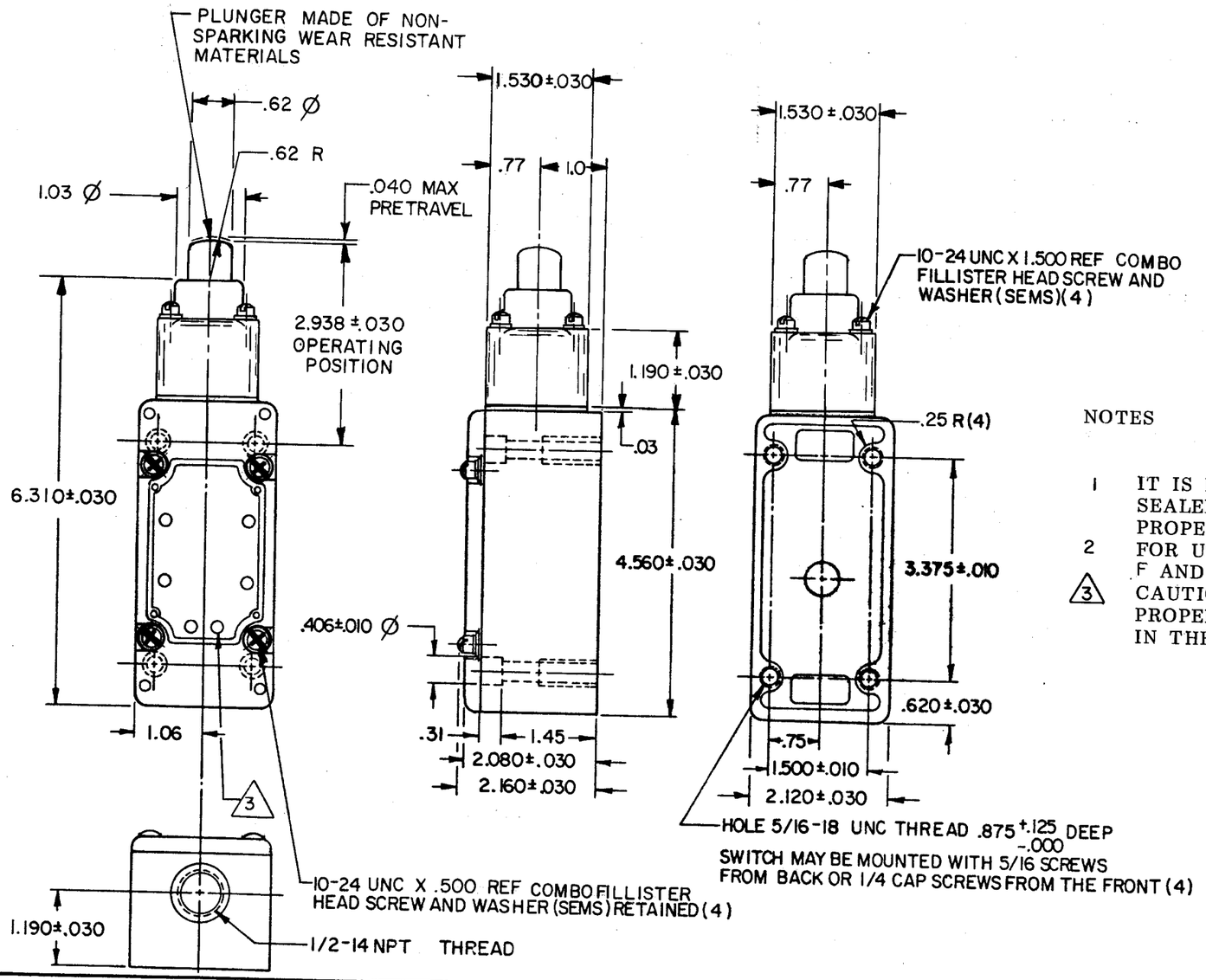
**MICRO SWITCH**
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 81929

# SWITCH ENCLOSED

CATALOG LISTING
2 ML7-E1

M




NOTES

1. IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES
2. FOR USE IN CLASS I GROUPS C AND D, CLASS II GROUPS E, F AND G HAZARDOUS LOCATIONS
3. CAUTION: IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES OF THIS UNIT, DO NOT OBSTRUCT THE HOLES IN THE COVER PLATE

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

| CHARACTERISTICS (TENATIVE) | ELECTRICAL DATA |
|---|---|
| OPERATING FORCE ------6 LB APPROX | CONTACT ARRANGEMENT: D. P. D. T. |
| RELEASE FORCE --------4 LB APPROX | 10A-125 OR 250 VAC; 0.3A 125 VDC; 0.15A 250 VDC |
| DIFFERENTIAL TRAVEL--------.020 MAX | |
| OVERTRAVEL----------.485 MIN | |
| SWITCH-BASIC REPLACEMENT--DT-2R711-A7 | |

SCALE 1/2 TO 1

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

| | DIM. mm | TOL. mm/in | DIM. in | TOL. mm/in |
|---|---|---|---|---|
| NO PLACES | X | 1/.04 | | |
| ONE PLACE | X.X | 0.4/.016 | X.X | 0.8/.03 |
| TWO PLACES | X.XX | 0.15/.006 | X.XX | 0.38/.015 |
| THREE PLACES | | | X.XXX | 0.13/.005 |
| ANGLES | | | | |

DESIGN UNITS: SI METRIC ☐ US CUSTOMARY ☒

THIRD ANGLE PROJECTION

WEIGHT

| ISSUE | DRAWING NUMBER | RELEASE NO. | REPLACES |
|---|---|---|---|
| M | 2ML7-E1 | PR-9943 | |

REVISIONS

| | | | CHECK |
|---|---|---|---|
| A | WAS EYS PR-2243 | GJW 19 MAR 81 | |
| B | C058367 | JAS 11 NOV 85 | |
| C | C055051-C | T A D 6 JAN 86 | |
| D | C063739 | TSK 17 JAN 88 | |
| E | C074287 | GJW 15 APR 93 | |

DRAWN: G J W 19 MAR 81 — CHECK: C E B 21 MAR 81

FO-82851-B