CATALOG LISTING CIRCUIT SEQUENCE MICRO SWITCH **SWITCH-ENCLOSED** 21EN42-6 a Honeywell Division PLUNGER OPERATE CIRCUIT 4-5 (N.C.) MUST BREAK FED. MFG. CODE 91929 PRIOR TO CIRCUIT 1-2 (N.C.) PLUNGER RELEASE CIRCUIT 1-3 (N.O.) MUST BREAK PRIOR TO CIRCUIT 4-6 (N.O.) ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT
MAY ALSO BE UNSCREWED AND REMOVED
FROM BUSHING TO FACILITATE
INSTALLATION 5 CIRCUIT DIAGRAM Ø 1.0 21EN42-6 -6X NO. 20 WIRE LEAD PER SPEC MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC.) PER MIL-W-5088 470 -Ø.750 arphi .5 X .12 WIDE CORROSION 072±.004 WIDE X ▼.038±.003 RESISTANT STEEL ROLLER KEYWAY TO WITHIN .250 OF SHOULDER 4 $1.781 \pm .030$. 75 -ROLLER GUIDE LOCK RING $\sqrt{5}$ FRFF POSITION 2X CORROSION RESISTANT STEEL HEX NUT .812 ACROSS FLATS X .125 THICK $\sqrt{6}$ Ø.047 HOLE .657±.030 CORROSION RESISTANT STEEL INTERNAL_TOOTH A CO95161 FOR WIRE LOCKING LOCKWASHER, \emptyset .87 X (.022) THICK /6TSM 3AUG99 CORROSION RESISTANT STEEL KEYING WASHER MICRO SWITCH \emptyset .87 X .040 THICK, TAB .110 WIDE /6(MS25081C6) .980 MAX ─ 5/8-24 UNEF THREAD TO WITHIN .125 OF SHOULDER 01010101010 .500 MAX — 72.000 MIN I - CORROSION RESISTANT STEEL ENCLOSURE 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4 3 - CIRCUIT DIAGRAM, DATE CODE, FED. MFG. CODE AND CATALOG LISTINGS ARE SHOWN ON NAMEPLATE 4 - COINCIDENCE OF OPERATING AND RELEASING THIRD ANGLE PROJECTION THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF POINTS: .025 OF PLUNGER TRAVEL HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN CHARACTERISTICS ELECTRICAL DATA SCALE FULL AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED CONTACT ARRANGEMENT OPERATING FORCE ---- 6-12 LB DO NOT SCALE PRINT DIRECTION. SECURE BY REPLACING ROLLER GUIDE 2X S P D T UNLESS OTHERWISE SPECIFIED DIFFERENTIAL FORCE ---- 30 LB MAX LOCK RING. TOLERANCES ARE HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805 RELEASE FORCE ---- 4 LB MIN 28 VDC ONE PLACE (.0) ±.030 LOAD SEA LEVEL 50,000 FT. TWO PLACE (.00) ±.015 DIFFERENTIAL TRAVEL ---- .040 MAX RES 4 4 THREE PLACE (.000) ±.005 OVERTRAVEL ---- .230 MIN 2 ANGLES IND MOTOR WEIGHT 8.9 OZ MAX ANSI YI4.5M-1982 APPLIES