

MICRO SWITCH

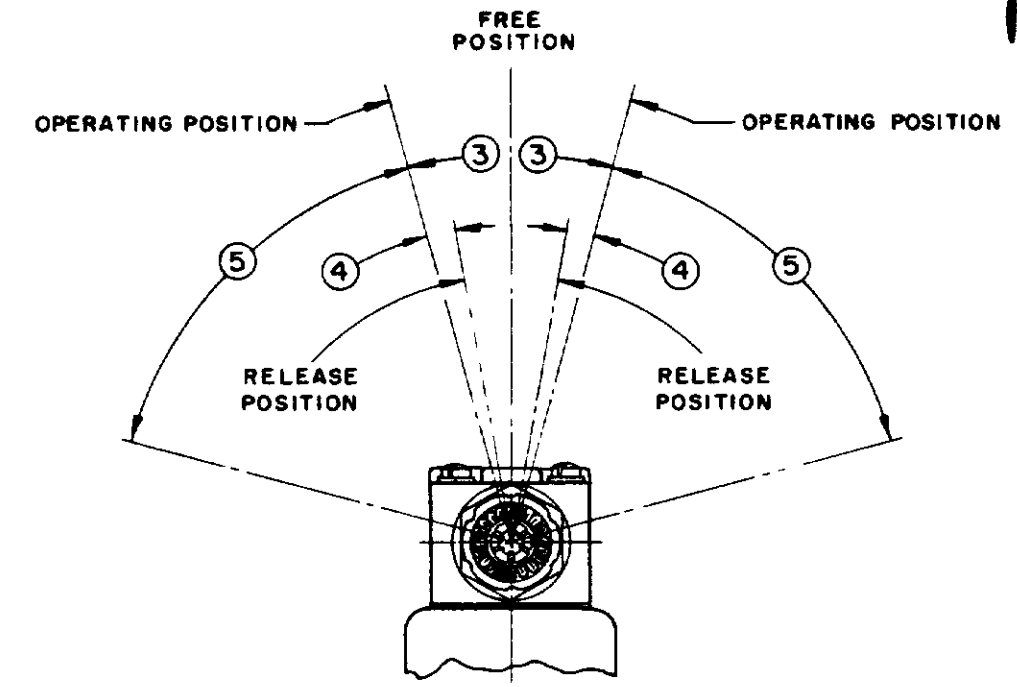
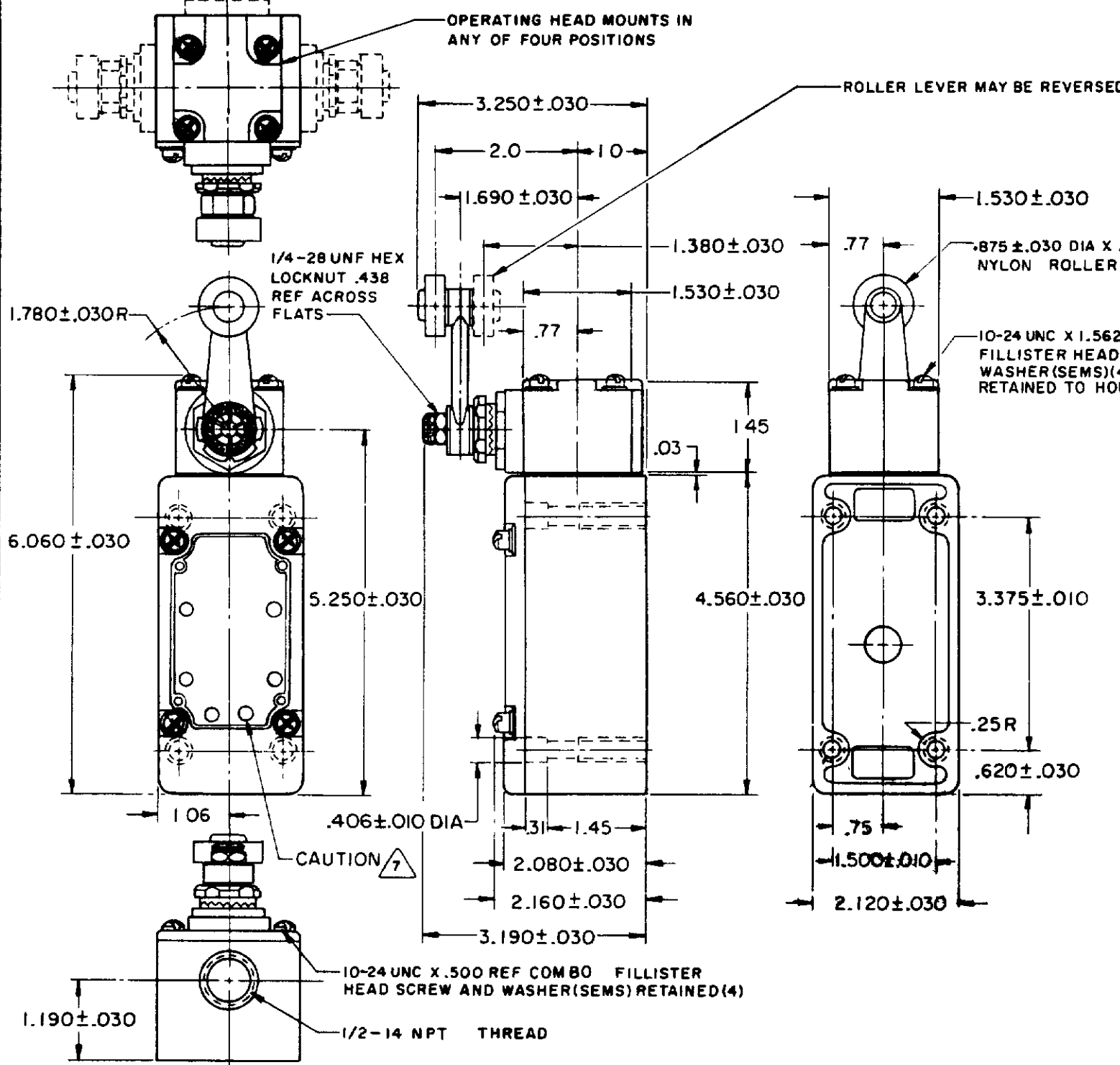
A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR COMPANY
 FEDERAL MFR CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
151 ML 3 - E1

M

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- NOTES
- LISTED BY UNDERWRITERS LABORATORY, INC. FOR USE IN CLASS 1, GROUPS C AND D VAPOR - AIR ATMOSPHERE, AND CLASS 2 GROUPS E, F AND G DUST - AIR ATMOSPHERES
 - SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION TO CONVERT SWITCH FOR ACTUATION EITHER CLOCKWISE OR COUNTER-CLOCKWISE DIRECTION ONLY REMOVE THE HEAD AND SLIDE THE CAM TOWARD THE REAR OF THE HEAD SUFFICIENTLY TO DISENGAGE FROM THE FLATS ON THE SHAFT. ROTATE THE CAM 90° IN THE OPPOSITE DIRECTION OF THE ACTUATION DESIRED AND RE-ENGAGE THE CAM WITH THE FLATS ON THE SHAFT
 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)
 - LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY, OR IN BOTH DIRECTIONS
 - IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES
 - SWITCH WILL PERFORM SATISFACTORILY IN TEMPERATURES TO MINUS 20°F

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| CHARACTERISTICS | ELECTRICAL DATA | SCALE 1/2 TO 1 |
|--|--|---|
| OPERATING FORCE ----- 3 LB MAX | CONTACT ARRANGEMENT TWO CIRCUIT DOUBLE THROW DOUBLE BREAK | DO NOT SCALE PRINT |
| FULL OVERTRAVEL FORCE ----- 4 LB MAX | 10A-120, 240, OR 480 VAC, 1/2 HP - 120 VAC 1 HP - 240 VAC, 0.8 A - 115 VDC, 0.4 A - 230 VDC | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| RELEASE FORCE ----- 1/4 LB MIN | PILOT DUTY 720VA - HEAVY DUTY 600 VAC MAX | TOLERANCES ARE: ONE PLACE (.0) ± .030 TWO PLACE (.00) ± .018 THREE PLACE (.000) ± .008 ANGLES ± |
| PRETRAVEL ----- ③ ----- 15° MAX | | WEIGHT |
| DIFFERENTIAL TRAVEL ----- ④ ----- 7° MAX | | |
| OVERTRAVEL ----- ⑤ ----- 60° MIN | | |
| SWITCH BASIC REPLACEMENT ----- 1MN1 | | |