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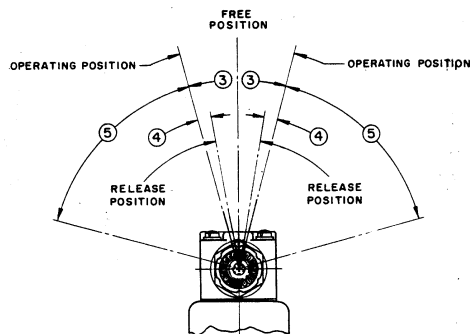
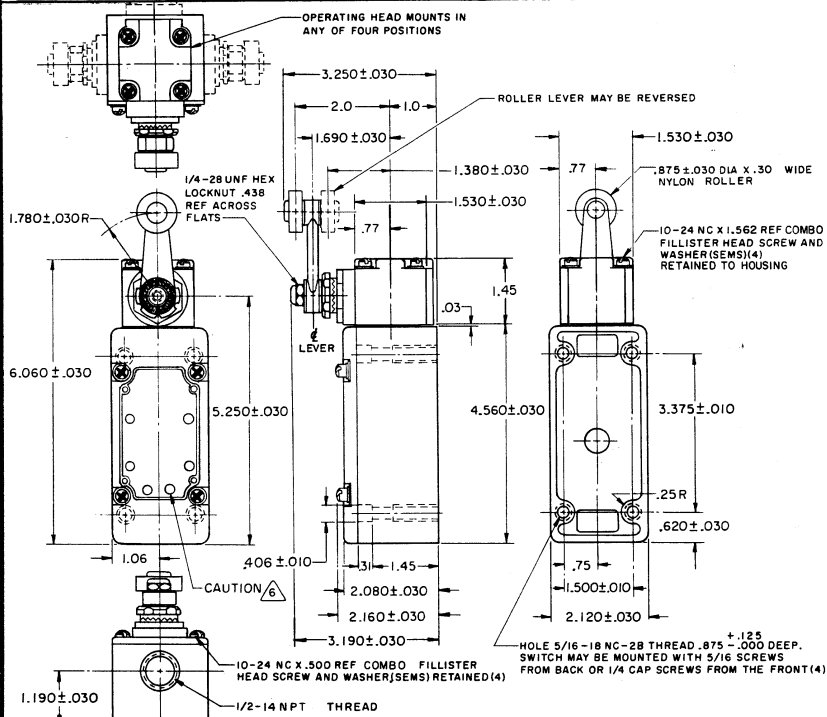
sales@integrated-circuit.com

MICRO SWITCH

A DIVISION OF MINNEAPOLIS MONETARY REGULATOR COMPANY
 FREEPORT, MINNESOTA
 FED. MFR. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
51 ML7-E1



NOTES

- 1 - FOR USE IN CLASS I, GROUPS C AND D VAPOR-AIR ATMOSPHERE, AND CLASS 2 GROUPS E, F AND G DUST-AIR ATMOSPHERE
- △ 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
- 4 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)
- 5 - LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY OR IN BOTH DIRECTIONS △ △
- △ IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES OF THIS UNIT DO NOT OBSTRUCT THE HOLES IN THE COVER PLATE
- △ BASIC SWITCHING ELEMENT LISTED BY UNDERWRITERS' LABORATORIES, INC.
- 8 - IT IS ESSENTIAL THAT THE CONDUIT OPENING BE PROPERLY SEALED IN ORDER TO MAINTAIN THE EXPLOSION PROOF PROPERTIES

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CHARACTERISTICS		ELECTRICAL DATA		SCALE 1/2 TO 1	
OPERATING FORCE --- 3 LB MAX		CONTACT ARRANGEMENT		DO NOT SCALE PRINT	
FULL OVERTRAVEL FORCE --- 4 LB MAX		D P D T		UNLESS OTHERWISE SPECIFIED	
RELEASE FORCE --- 1/4 LB MIN				DIMENSIONS ARE IN INCHES	
PRETRAVEL --- ③ --- 20° MAX		0.4-125 OR 250 VAC		TOLERANCES ARE:	
DIFFERENTIAL TRAVEL ④ --- 15° MAX		0.3 A-125 VDC; 0.15 A-250 VDC		ONE PLACE (.01) 2.030	
OVERTRAVEL --- ⑤ --- 20° MIN				TWO PLACE (.001) 2.008	
				THREE PLACE (.0005) 2.0005	
				ANGLES	
SWITCH-BASIC REPLACEMENT-DT-2R71-47		 		WEIGHT	