

**MICRO SWITCH**  
A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR COMPANY  
PINEPORT, ILLINOIS

## SWITCH-ENCLOSED

**CATALOG LISTING**  
**21HE9-**

DRAWING NUMBER		M	
X	X	5	

RELEASE NO. PR-5445

REPLACES

21HE9-6

I S I O N S  
 R 5445  
 K S W  
 A N 76  
 0 44351  
 J B  
 0 0 V 78  
 4 4 6 4 6  
 A P  
 DEC 78  
 0 4 7 5 7 3  
 S M  
 JULY 80  
 6 8 3 5 9  
 A M  
 SEP 90

EECX L-25 2.314

DRAWN	S R H	24	JAN	70	CH
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ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNScrewED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION **4**

1.0 DIA

72.0 MIN

.375 ±.030

.750 DIA

1.781 ±.030 FREE POSITION

.75

.657 ±.030

.072 ±.004 X .038 ±.003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER

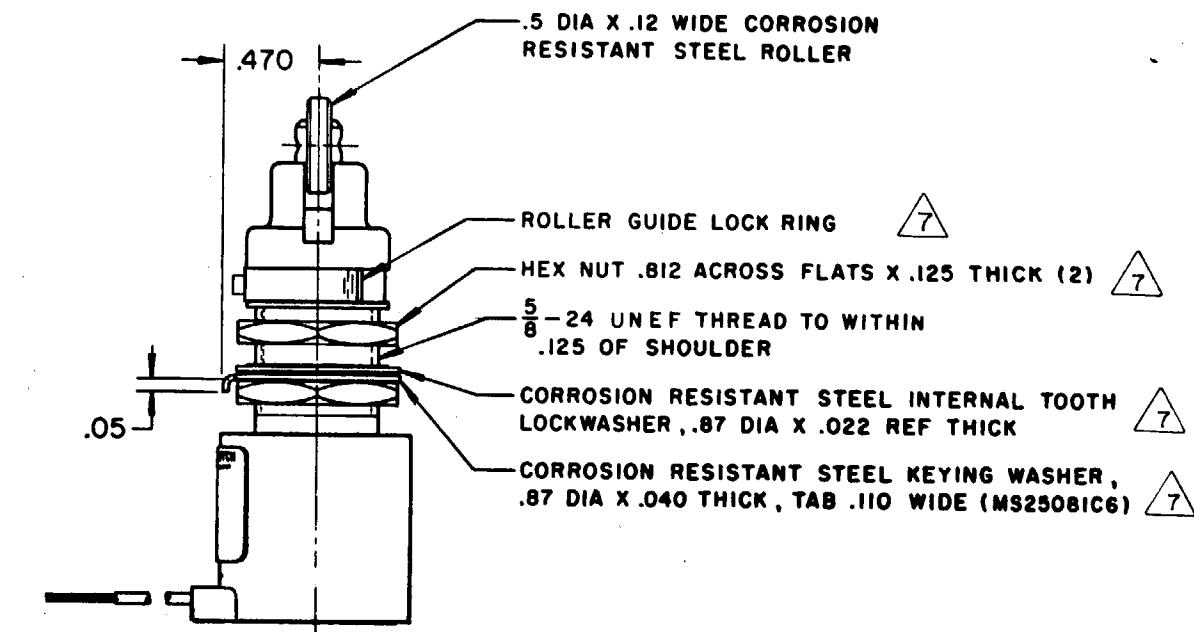
A HOLE FOR LOCKING

.980 MAX

MICRO SWITCH  
MERRILLVILLE, INDIANA U.S.A.

(6) NO.20 WIRE LEAD PER MIL-W-22759/ MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5088

3



NOT

NOTE

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 5
- 3 - CIRCUIT DIAGRAM, CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING

5 - FOR OPERATION IN TEMPERATURES OF MINUS 65°F TO PLUS 257°F  
6 - COINCIDENCE OF OPERATING AND RELEASING POINTS: 0.10 INCH OF PLUNGER TRAVEL

7 HARDWARE MAYBE PACKAGED UNASSEMBLED PER MIL-S-8805

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<b>CHARACTERISTICS</b>	<b>ELECTRICAL DATA</b>	<b>SCALE</b> <b>FULL</b>
OPERATING FORCE ----- 6-12 LB	CONTACT ARRANGEMENT	DO NOT SCALE PRINT
FULL OVERTRAVEL FORCE --- 30 LB MAX	S P D T (2)	UNLESS OTHERWISE SPECIFIED
RELEASE FORCE ----- 4 LB MIN	LOAD	DIMENSIONS ARE IN INCHES
PRETRAVEL ----- .040 MAX	SEA LEVEL	<b>TOLERANCES</b> <b>A</b>
DIFFERENTIAL TRAVEL --- .020 MAX	100,000 FT.	ONE PLACE (.0) ± TWO PLACE (.00) ± THREE PLACE (.000) ± ANGLES ±
OVERTRAVEL ----- .250 MIN	RES 5	WEIGHT 7.3 OZ. MA
	IND 3	
	MOTOR 4	