

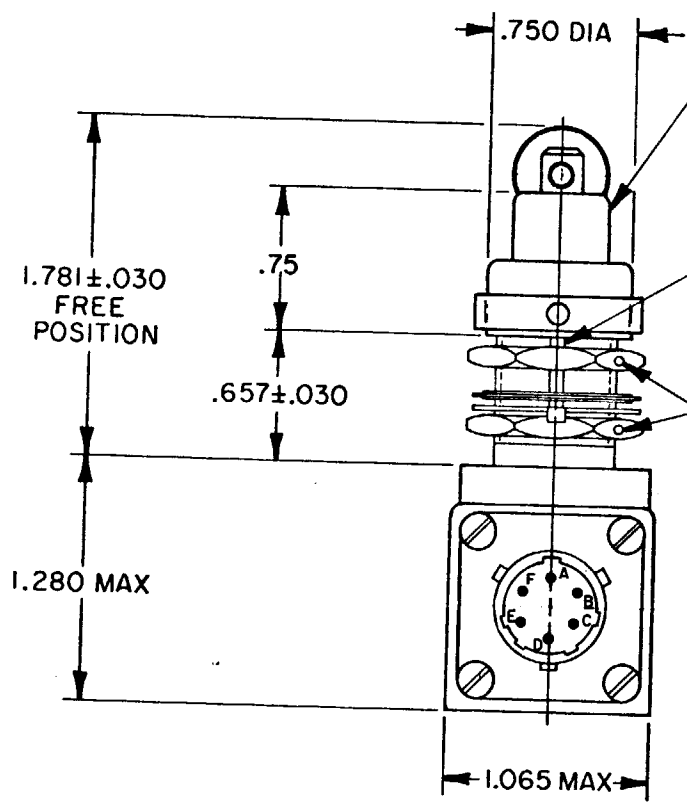
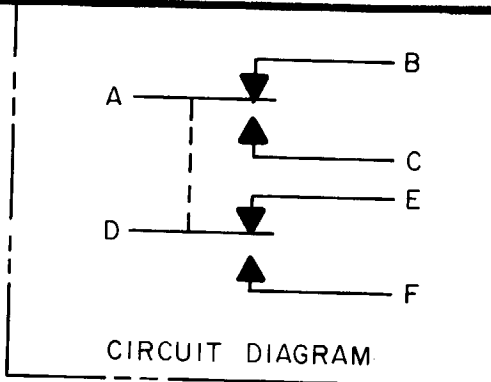
MICRO SWITCH

FREEPORT ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

SWITCH-ENCLOSED

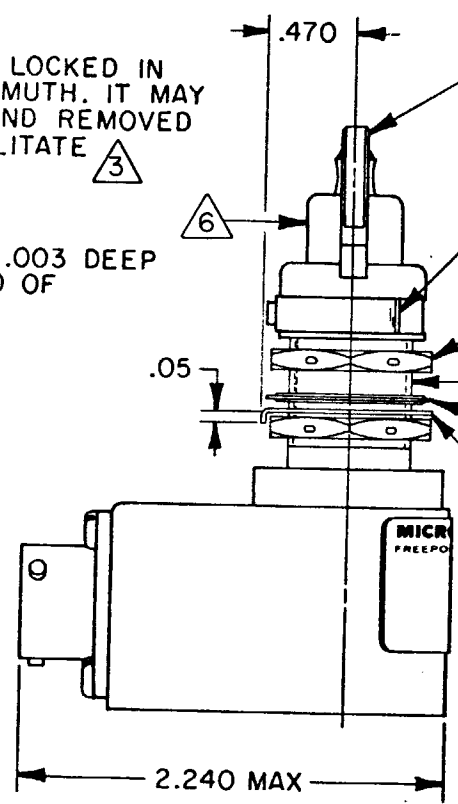
CATALOG LISTING
21EN9-R7



ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION

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

.047 DIA HOLE FOR WIRE LOCKING



.5 DIA X .12 WIDE CORROSION RESISTANT STEEL ROLLER

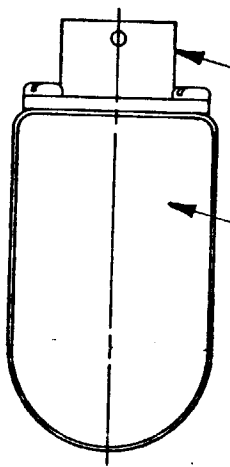
ROLLER GUIDE LOCK RING

CORROSION RESISTANT STEEL HEX NUT, .812 ACROSS FLATS X .125 THICK (2)

5/8-24 UNEF THREAD TO WITHIN .125 OF SHOULDER

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, .87 DIA X .022 REF THICK

CORROSION RESISTANT STEEL KEYING WASHER, (MS 25081C6) .87 DIA X .040 THICK, TAB .110 WIDE



CONNECTOR TO MATE WITH MS 3476E10-6S

LEADS EMBEDDED AND SEALED WITH EPOXY CASTING RESIN AND SEALER

21EN9-R7

M

DRAWING NUMBER

ISSUE

REVISIONS

REPLACES

RELEASE NO.

CHECK

REVISIONS

A CO44351

J A P

11 SEPT 79

B CO47573

PART 4

R J H

7 AUG 80

C CO48563

G J W

6 FEB 84

D CO68501

T S M

22 FEB 91

E CO71719

L J F

3 JAN 92

FO-52851-A

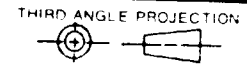
J A P

11 SEP 79

C E E

11 SEP 79

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SCALE FULL	
DO NOT SCALE PRINT	
TOLERANCES	
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1	
DIM.	TOL.
NO PLACES	1/04
ONE PLACE	0.47/018
TWO PLACES	0.157/006
THREE PLACES	0.087/015
ANGLES	0.137/005
DESIGN UNITS	SI METRIC <input type="checkbox"/> US CUSTOMARY <input checked="" type="checkbox"/>
RAW MATERIAL-COMMERCIAL STANDARD	
MICRO SWITCH STANDARDS APPLY	
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED	
WEIGHT	6 OZ MAX

CHARACTERISTICS	
OPERATING FORCE	6-12 LB
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA		
CONTACT ARRANGEMENT		
S P D T (2)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

- NOTES
- 1 - CORROSION RESISTANT STEEL ENCLOSURE
 - 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
 - 3 - 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
 - 4 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
 - 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 INCH OF PLUNGER TRAVEL
 - 6 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805