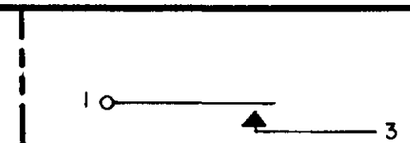
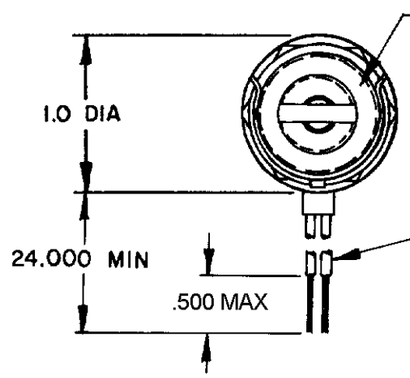
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED MFG CODE 91929

SWITCH – ENCLOSED

CATALOG LISTING
121EN93-2

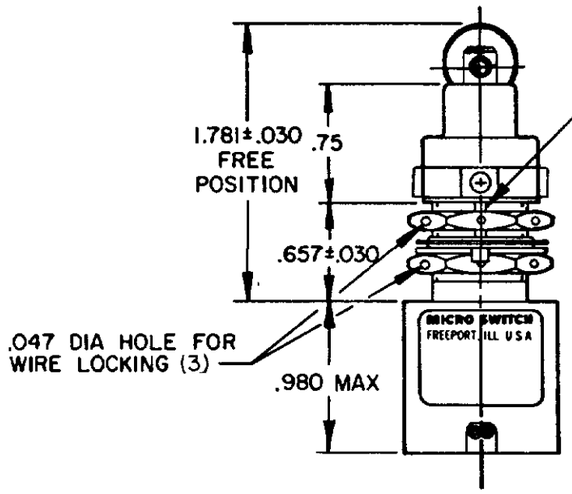


CIRCUIT DIAGRAM

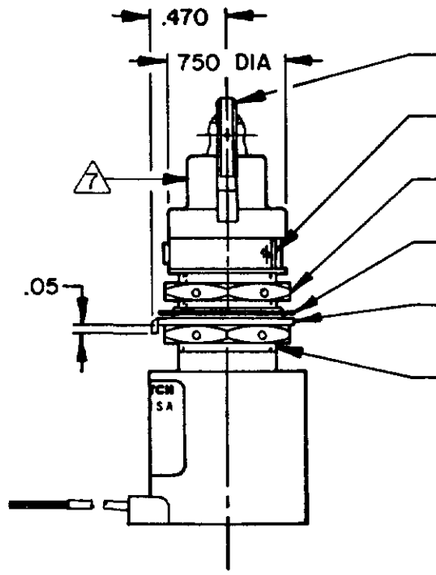


ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION

(2) NO. 20 WIRE LEAD PER MIL-W-22759/7 AND MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 3-20) PER SPEC MIL-W-5088



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



.5 DIA X .12 WIDE CORROSION RESISTANT STEEL ROLLER

ROLLER GUIDE LOCK RING △3 △7

CORROSION RESISTANT STEEL HEX NUT .812 ACROSS FLATS X .125 THICK (2) △7

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, .87 DIA X .022 REF THICK △7

CORROSION RESISTANT STEEL KEYING WASHER, .87 DIA X .040 THICK, TAB .110 WIDE △7 (MS25081C6)

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

NOTES
1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-PRF-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 - NOTED ELECTRICAL RATINGS APPLY AS SPECIFIED IN MIL-PRF-8805/43 UP TO 185°F
5 - CIRCUIT DIAGRAM, CATALOG LISTING, AND DATE CODE ARE SHOWN ON NAMEPLATE
6 - REPLACEMENT LOCK RING - PACKET 15PA137
△7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED TOLERANCES ARE ±

	DIM mm	TOL mm/m	DIM in	TOL mm/m
NO PLACES	X	1/04		
ONE PLACE	X.X	0.4/016	X.X	0.8/.03
TWO PLACES	X.XX	0.15/.006	X.XX	0.381/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS ☐ SI METRIC ■ US CUSTOMARY

RAW MATERIAL-COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT 4.7 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)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

CATALOG LISTING 121EN93-2 PAGE 1 OF 1
DRAWING NUMBER M
ISSUE 20
RELEASE NO. SR-10642
REPLACES

REVISIONS

A	CO44351	WJB 12 FEB 80	CHECK
B	CO47573 PART 4	RJH 14 AUG 80	21JUL04
C	CO 57370	WJM 14 MAY 85	AK
D	CO 67176	MAM 20 APR 90	CHECK
E	CO74101	GJW 30 JAN 93	CHECK
F	CO 77504-S	SAD 16 MAY 94	14 FEB 80
G	201514	CSL 24 OCT 00	
H	0006608	KR 21JUL04	CEB

CHECK 12 FEB 80
DRAWN WJM
RASTER FO-52851-A