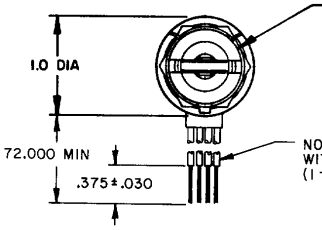
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED MFG CODE 01929

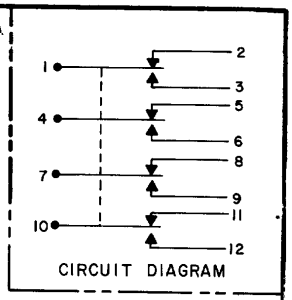
SWITCH – ENCLOSED

CATALOG LISTING
424EN1-6

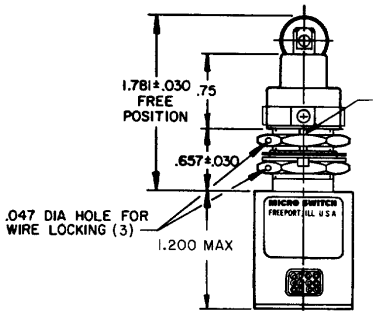


ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION 3

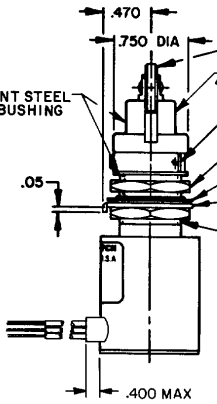
NO.20 WIRE LEAD PER MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20,2-20 ETC) PER MIL-W-5088 (12)



CIRCUIT DIAGRAM



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



CORROSION RESISTANT STEEL ROLLER GUIDE AND BUSHING

.5 DIA X .12 WIDE CORROSION RESISTANT STEEL ROLLER

ROLLER GUIDE LOCK RING 3 7 8 9

CORROSION RESISTANT STEEL HEX NUT .812 ACROSS FLATS X .125 THICK (2) 6 9

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, .87 DIA X .022 REF THICK 6 9

CORROSION RESISTANT STEEL KEYING WASHER, .87 DIA X .040 THICK, TAB .110 WIDE 6 9 (MS25081C6)

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

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 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
5 CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
6 REPLACEMENT MOUNTING HARDWARE: PACKET 19PA8
7 REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET 15PA104
8 REPLACEMENT LOCK RING: PACKET 15PA137
9 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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
SPDT (4)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	

SCALE FULL
DO NOT SCALE PRINT
TOLERANCES
DESIGN UNITS
WEIGHT 14.0 OZ MAX

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THIRD ANGLE PROJECTION

REVISIONS
A CO44351 19 FEB 80
B CO47575 PART 4 RJH 14 AUG 80
C CO57370 TSK 15 MAY 85
D CO74101 GJW 30 JAN 93
E CO 17208-S SAD 16 MAY94

REPLACES 424EN1-6
RELEASE NO. M
DRAWING NUMBER
ISSUE 12 13 14 15 16
CHECK
CHECK
CHECK
DRAWN KAK 19 FEB 80
FD-82851-A

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