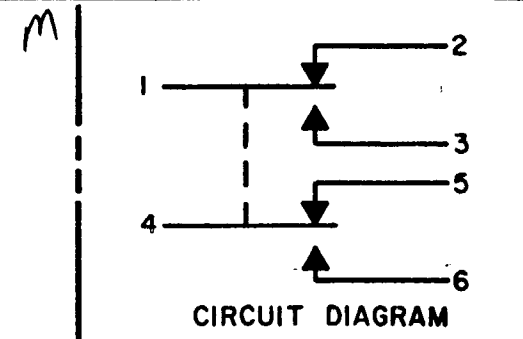


MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
622EN52-6



STAINLESS STEEL SCREW WITH
.032 WIDE X .040 DEEP SLOT

ROLLER MAY BE LOCKED IN
INCREMENTS OF 45° AZIMUTH ⁶

4-40 UNC-3B MINIATURE
LOCK NUT-STAINLESS STEEL

(6) 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 ⁸

.072±.004 WIDE X .031±.003
DEEP KEYWAY TO WITHIN
.250 OF SHOULDER

CORROSION RESISTANT
STEEL PLUNGER AND
BUSHING

1.485±.030
FREE
POSITION

1.000±.030

.047 DIA HOLE FOR
WIRE LOCKING (3)

1.000 MAX

.688±.030 DIA

.392

.375 DIA X .104 WIDE CORROSION
RESISTANT STEEL ROLLER

15/32-32 UNS THREAD TO WITHIN .093 OF SHOULDER

CORROSION RESISTANT STEEL HEX NUT,
.62 ACROSS FLATS X .125 THICK (2) (MS 21340-04) ⁷

CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER, .60 DIA X .018 REF THICK (MS 35333-136) ⁷

CORROSION RESISTANT STEEL KEYING WASHER,
.72 DIA X .040 THICK, TAB .110 WIDE (MS 25081C4) ⁷

.05

.375±.030

72.000 MIN

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - COINCIDENCE OF OPERATING AND RELASING POINTS: .010 OF PLUNGER TRAVEL
- 4 - CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
- 5 - ELECTRICAL RATINGS APPLY AS SPECIFIED IN MIL-PRF-8805/43 UP TO 185°F
- ⁶ - TO ADJUST ROLLER DIRECTION REMOVE LOCK NUT, SCREW AND ROLLER. DEPRESS PLUNGER UNTIL IT CAN BE ROTATED TO DESIRED POSITION. RETURN PLUNGER TO FREE POSITION AND REASSEMBLE ROLLER
- ⁷ - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- ⁸ - ELECTRICAL WIRES ON CENTERLINE WITH KEYWAY WITHIN ±6°

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CHARACTERISTICS

OPERATING FORCE-----3-6 LB
FULL OVERTRAVEL FORCE-----17 LB MAX
RELEASE FORCE-----2 LB MIN
PRETRAVEL-----.040 MAX
DIFFERENTIAL TRAVEL-----.020 MAX
OVERTRAVEL-----.125 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT		
SPDT (2)		
LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	
LAMP		

SCALE FULL

DO NOT SCALE PRINT

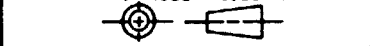
TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 2

DM.	TOL.	DM.	TOL.
mm	mm/in	in	mm/in
NO PLACES	X	1/64	
ONE PLACE	X,X	0.4/0.16	X,X
TWO PLACES	X,X	0.16/0.008	X,X
THREE PLACES	X,X	0.13/0.005	X,X
ANGLES			

DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY

THIRD ANGLE PROJECTION



WEIGHT 8.0 OZ MAX

RASTER

622EN52-6

M

DRAWING
NUMBER

ISSUE

20

REVISIONS

A	CO46610	DJW	19 OCT 79
B	CO47573	PART 4	R J H
C	CO49806	J A P	25 SEPT 81
D	CO54620	J A S	16 FEB 84
E	CO67370	J A P	14 MAY 85
F	75612 B	WES	16 AUG 93
G	0051009	SJK	09 APR 09

REPLACES

RELEASE NO. PR-5465

CMH 09 APR 09

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