

MICRO SWITCH

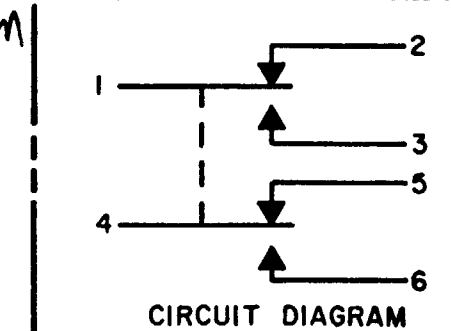
FREEMONT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING

622EN18-6



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

ROLLER MAY BE LOCKED IN
INCREMENTS OF 45° AZIMUTH $\triangle 6$

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 $\triangle 8$

.072 $\pm$.004 WIDE X .031 $\pm$.003
DEEP KEYWAY TO WITHIN
.250 OF SHOULDER

CORROSION RESISTANT
STEEL PLUNGER AND
BUSHING

1.485 $\pm$.030
FREE
POSITION

1.000 $\pm$.030

.047 DIA HOLE FOR
WIRE LOCKING (3)

1.000 MAX

.688 $\pm$.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) $\triangle 7$

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

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

.05

.500 MAX

72.000 MIN

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - COINCIDENCE OF OPERATING AND RELEASING 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
- $\triangle 6$ - 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
- $\triangle 7$ - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- $\triangle 8$ - ELECTRICAL WIRES ON CENTERLINE WITH KEYWAY WITHIN $\pm 6^\circ$

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CHARACTERISTICS		ELECTRICAL DATA	
OPERATING FORCE - - - - - 6-12 LB		CONTACT ARRANGEMENT	
FULL OVERTRAVEL FORCE - - - - - 30 LB MAX		SPDT (2)	
RELEASE FORCE - - - - - 4 LB MIN		28 VDC	
PRETRAVEL - - - - - .040 MAX		LOAD	SEA LEVEL 50,000 FT.
DIFFERENTIAL TRAVEL - - - - - .020 MAX		RES	7 7
OVERTRAVEL - - - - - .125 MIN		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			
NO PLACES	ONE PLACE	TWO PLACES	THREE PLACES
ANGLES	ANGLES	ANGLES	ANGLES
DIM. mm	DIM. in	DIM. mm	DIM. in
TOL. mm/in	TOL. in	TOL. mm/in	TOL. in
X 1/64	X 1/64	X 1/64	X 1/64
X 0.015	X 0.015	X 0.015	X 0.015
X 0.005	X 0.005	X 0.005	X 0.005
X 0.002	X 0.002	X 0.002	X 0.002
X 0.001	X 0.001	X 0.001	X 0.001
X 0.0005	X 0.0005	X 0.0005	X 0.0005
X 0.0002	X 0.0002	X 0.0002	X 0.0002
X 0.0001	X 0.0001	X 0.0001	X 0.0001
X 0.00005	X 0.00005	X 0.00005	X 0.00005
X 0.00002	X 0.00002	X 0.00002	X 0.00002
X 0.00001	X 0.00001	X 0.00001	X 0.00001
X 0.000005	X 0.000005	X 0.000005	X 0.000005
X 0.000002	X 0.000002	X 0.000002	X 0.000002
X 0.000001	X 0.000001	X 0.000001	X 0.000001
X 0.0000005	X 0.0000005	X 0.0000005	X 0.0000005
X 0.0000002	X 0.0000002	X 0.0000002	X 0.0000002
X 0.0000001	X 0.0000001	X 0.0000001	X 0.0000001
X 0.00000005	X 0.00000005	X 0.00000005	X 0.00000005
X 0.00000002	X 0.00000002	X 0.00000002	X 0.00000002
X 0.00000001	X 0.00000001	X 0.00000001	X 0.00000001
X 0.000000005	X 0.000000005	X 0.000000005	X 0.000000005
X 0.000000002	X 0.000000002	X 0.000000002	X 0.000000002
X 0.000000001	X 0.000000001	X 0.000000001	X 0.000000001
X 0.0000000005	X 0.0000000005	X 0.0000000005	X 0.0000000005
X 0.0000000002	X 0.0000000002	X 0.0000000002	X 0.0000000002
X 0.0000000001	X 0.0000000001	X 0.0000000001	X 0.0000000001
X 0.00000000005	X 0.00000000005	X 0.00000000005	X 0.00000000005
X 0.00000000002	X 0.00000000002	X 0.00000000002	X 0.00000000002
X 0.00000000001	X 0.00000000001	X 0.00000000001	X 0.00000000001
X 0.000000000005	X 0.000000000005	X 0.000000000005	X 0.000000000005
X 0.000000000002	X 0.000000000002	X 0.000000000002	X 0.000000000002
X 0.000000000001	X 0.000000000001	X 0.000000000001	X 0.000000000001
X 0.0000000000005	X 0.0000000000005	X 0.0000000000005	X 0.0000000000005
X 0.0000000000002	X 0.0000000000002	X 0.0000000000002	X 0.0000000000002
X 0.0000000000001	X 0.0000000000001	X 0.0000000000001	X 0.0000000000001
X 0.00000000000005	X 0.00000000000005	X 0.00000000000005	X 0.00000000000005
X 0.00000000000002	X 0.00000000000002	X 0.00000000000002	X 0.00000000000002
X 0.00000000000001	X 0.00000000000001	X 0.00000000000001	X 0.00000000000001
X 0.000000000000005	X 0.000000000000005	X 0.000000000000005	X 0.000000000000005
X 0.000000000000002	X 0.000000000000002	X 0.000000000000002	X 0.000000000000002
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X 0.00000000000000005	X 0.00000000000000005	X 0.00000000000000005	X 0.00000000000000005
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X 0.00000000000000001	X 0.00000000000000001	X 0.00000000000000001	X 0.00000000000000001
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X 0.000000000000000000000005	X 0.000000000000000000000005	X 0.000000000000000000000005	X 0.000000000000000000000005
X 0.000000000000000000000002	X 0.000000000000000000000002	X 0.000000000000000000000002	X 0.000000000000000000000002
X 0.000000000000000000000001	X 0.000000000000000000000001	X 0.000000000000000000000001	X 0.000000000000000000000001
X 0.0000000000000000000000005	X 0.0000000000000000000000005	X 0.0000000000000000000000005	X 0.0000000000000000000000005
X 0.0000000000000000000000002	X 0.0000000000000000000000002	X 0.0000000000000000000000002	X 0.0000000000000000000000002
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X 0.000000000000000000000000000005	X 0.000000000000000000000000000005	X 0.000000000000000000000000000005	X 0.000000000000000000000000000005
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X 0.000000000000000000000000000001	X 0.000000000000000000000000000001	X 0.000000000000000000000000000001	X 0.000000000000000000000000000001
X 0.0000000000000000000000000000005	X 0.0000000000000000000000000000005	X 0.0000000000000000000000000000005	X 0.000000000

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