

622EN28

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M

DRAWING NUMBER

3

ISSUE

REVISIONS

A PR 15669

TPS 11 JUN 87

B CO- 92376

TSM 3 MAR 98

FORMTEK

DRAWN

TPS 11 JUN 87

CHECK

MAM

12 JUN 87

CHECK

11 JUN 87

REPLACES

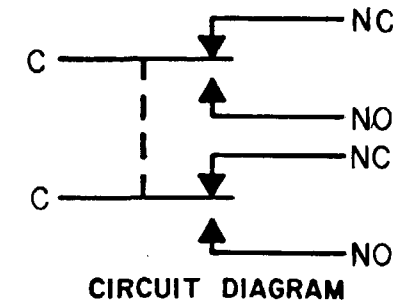
PR-15669

CHECK

MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91928

SWITCH-ENCLOSED

CATALOG LISTING
622EN28



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

ROLLER MAY BE LOCKED IN
INCREMENTS OF 45° AZIMUTH ⁵

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

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

1.485±.030
FREE
POSITION

1.000±.030

.047 DIA HOLE FOR
WIRE LOCKING

1.000 MAX

CORROSION RESISTANT
STEEL PLUNGER AND
BUSHING

MICRO SWITCH
FREEPORT, ILL. U.S.A.

.375 REF

.688±.030

NORMALLY OPEN TERMINAL

NORMALLY CLOSED TERMINAL

COMMON TERMINAL

NORMALLY CLOSED TERMINAL

COMMON TERMINAL

NORMALLY OPEN TERMINAL

.388

.375 DIA X .12 WIDE CORROSION
RESISTANT STEEL ROLLER

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

CORROSION RESISTANT STEEL HEX NUT, ⁶
.62 ACROSS FLATS X .125 THICK (2) (MS 21340-24)

CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER, .60 DIA X .018 REF THICK (MS 35333-136) ⁶

CORROSION RESISTANT STEEL KEYING WASHER, ⁶
.72 DIA X .040 THICK, TAB .110 WIDE

.05

.200 REF

.070 REF

NOTES

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

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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 ----- .125 MIN

ELECTRICAL DATA

LOAD	CONTACT ARRANGEMENT S P D T (2)	
	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

DESIGN	UNIT	TOL.	DESIGN	UNIT	TOL.
NO PLACES	IN	1/32	ONE PLACE	IN	0.01/0.05
ONE PLACE	IN	0.01/0.05	TWO PLACES	IN	0.001/0.015
TWO PLACES	IN	0.001/0.015	THREE PLACES	IN	0.0001/0.0025

DESIGN UNITS ☐ IN METRIC ☒ US CUSTOMARY

THIRD ANGLE PROJECTION

WEIGHT

Mouser Electronics

Authorized Distributor

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