

MICRO SWITCH

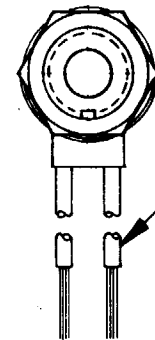
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
602EN84

1 — 2
CIRCUIT DIAGRAM



(2) NO. 20 WIRE LEAD PER MIL-W-81044/12 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5088

.047 DIA HOLE FOR WIRE LOCKING

.875 ± .030 FREE POSITION
.625 ± .030

1.000 MAX

.250 DIA
.47 SPHERICAL R

.688 ± .030

.375 ± .030

18.000 MIN

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

CORROSION RESISTANT STEEL PLUNGER AND BUSHING

15/32-32 UNS-2A THREAD TO WITHIN .090 OF SHOULDER

CORROSION RESISTANT STEEL HEX NUT, .62 ACROSS FLATS X .125 THICK ⁴

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, .60 DIA X .018 REF THICK (MS 35333-136) ⁴

602EN84
M
DRAWING NUMBER
7
ISSUE
8
REVISIONS
A C044351
J A P
4 MAR 80
B C047573
J A P
7 AUG 80
D C049806
J A P
25 SEPT 81
E C057370
TSK
15 MAY 85
F C067541
SLB
21 APR 90
FO-52851-A
DRAWN
J A P
4 MAR 80
CHECK
C E B
5 MAR 80
CHECK
5 MAR 80
REPLACES
PR-2927

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

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

CONTACT ARRANGEMENT		
S P N C (I)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	
LAMP		

TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±			
DIM.	TOL.	DIM.	TOL.
mm	mm/in	in	mm/in
NO PLACES	X	1/64	
ONE PLACE	X,X	0.47/018	X,X
TWO PLACES	X,XX	0.157/006	X,XX
THREE PLACES	X,XXX		X,XXX
ANGLES			
SYMMETRIC		US CUSTOMARY	
DESIGN UNITS			
RAW MATERIAL—COMMERCIAL STANDARD			
MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			
WEIGHT		3.0 OZ MAX	

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
- ⁴ - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

Mouser Electronics

Authorized Distributor

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