

**MICRO SWITCH**  
FREEPORT ILLINOIS USA  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91929

## SWITCH - ENCLOSED

CATALOG LISTING  
**44EN27-1**

**M** 44EN27-12  
RELEASE NO. PR-1844  
REPLACES

DRAWING  
NUMBER  
101  
1314  
122  
ISSUE

EDITIONS	
A CO	21APR10
S 44351	
S L B	
B NOV 79	
B CO47573	
TSM	
AUG 80	
C CO	CMH
49806	
T S K	
8SEPT 81	
D CO65563	
TSK	
3 APR 89	
E 0063671	CHECK
PRS	
21APR10	

2140

三

✓  
CHECK

28

D-52851-A  
DRAWN 28 NOV 1963

F  
S  
L  
E

CORROSION RESISTANT STEEL ADJUSTING WORM GEAR

10-32 UNF THREAD

1.240±.030

(.675)

.34

Ø.047 HOLE FOR WIRE LOCKING

.25

.500 MAX

.36

.5

FREE TO ROTATE

MICRO SWITCH  
FREEPORT ILL USA

8X NO. 20 WIRE  
MIL-W-81044/  
WITH CIRCUIT I  
AND WIRE GAGE  
ETC) PER MIL-W

Exploded view diagram of a corrosion-resistant steel shaft assembly. The diagram shows the following components and their specifications:

- CORROSION RESISTANT STEEL LOCKING NUT, .37 ACROSS FLATS (MS 21083-N3) 7
- CORROSION RESISTANT STEEL WASHER,  $\varnothing$ .438 X .032 THICK (AN 960-CIOL) 7
- CORROSION RESISTANT STEEL SHAFT, BUSHING AND PINS
- 15/32-32 UNS THREAD TO WITHIN .062 OF SHOULDER
- CORROSION RESISTANT STEEL HEX NUT, .62 ACROSS FLATS X .125 THICK 7
- CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER,  $\varnothing$ .60 X (.018) THICK (MS 35333-136) 7
- 2X  $\varnothing$ .140 X .062 HIGH PINS LOCATED ON  $\varnothing$ .765 CENTERS
- 2X HEAT SHRINK POLYOLEFIN TUBING
- LEAD PER 2 MARKED IDENTIFICATION 1-20, 2-20, -5088

Dimensions shown: .700 MAX

<b>NONE</b>			
<b>DO NOT SCALE PRINT</b>			
<b>TOLERANCES</b>			
NO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED TOLERANCES ARE $\pm$ 1/16"			
DIM. mm	TOL. mm/min	DIM. in.	TOL. in.
S	X	1/4	0.00
ES	X, X	0.4/0.016	0.32
ACES	X, XX	0.15/.006	0.38
SI METRIC		US CUSTOM	
UNITS <input type="checkbox"/>		<input checked="" type="checkbox"/>	
W MATERIAL-COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			
HT 19.25 0Z MAX			

## NOTE

NOTES:

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - UNIT PROVIDES NO SHAFT RESTORING TORQUE  
THE ACTUATING DEVICE MUST CONTROL MOVE-  
MENT OF THE SHAFT
- 4 CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN  
ON NAMEPLATE
- 5** DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF  
TORQUE WHEN TIGHTENING LOCKING NUT
- 6 LEADS PARALLEL WITH CENTERLINE OF MOUNTING  
PINS WITHIN 10°
- 7** HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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