

## MICRO SWITCH

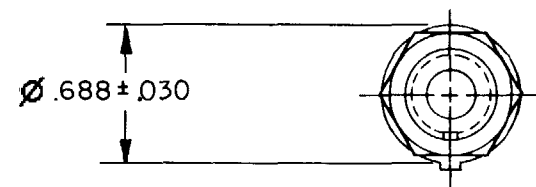
FREEPORT ILLINOIS U.S.A.  
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

## SWITCH - ENCLOSED

CATALOG LISTING  
602EN538-B

CIRCUIT DIAGRAM

3X Ø.047 HOLE FOR  
WIRE LOCKING.875 ± .030  
FREE  
POSITION

.625 ± .030

1.000 MAX

(.325)

M12 X 1.0 - 6g 0.100 R THREADS  
REF MIL-C-38999 SERIES III  
9 SHELL SIZE CONNECTOR PLUGØ.250  
SR.47

12.000 MIN

.500 MAX

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

CORROSION RESISTANT STEEL PLUNGER AND BUSHING

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

2X CORROSION RESISTANT STEEL HEX NUT,  
.62 ACROSS FLATS X .125 THICK2X CORROSION RESISTANT STEEL INTERNAL TOOTH  
LOCKWASHER, Ø.60 X (.018) THICK (MS 35333-136)2X NO. 20 WIRE LEAD MIL-W-22759/11  
WITH CIRCUIT IDENTIFICATION AND WIRE GAGE  
(1-20, AND 2-20) PER MIL-W-5088THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY  
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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

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     | 1/04      | X      |
| ONE PLACE    | X.X   | 0.47/018  | X.XX   |
| TWO PLACES   | X.XX  | 0.157/006 | X.XXX  |
| THREE PLACES | X.XXX | 0.387/015 | X.XXXX |
| ANGLES       |       | 0.137/005 |        |

DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY

RAW MATERIAL - COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE

PROTECTIVE COATINGS ARE APPLIED

WEIGHT 2.5 OZ MAX

ANSI Y14.5M-1982 APPLIES

## 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

S P N C

| LOAD  | SEA LEVEL | 50,000 FT. |
|-------|-----------|------------|
| RES   | 1         | 1          |
| IND   | 0.5       | 0.5        |
| MOTOR |           |            |
| LAMP  |           |            |

CATALOG LISTING  
602EN538-B  
PAGE 1 OF 1  
ISSUE  
7  
CHECK  
REVISIONS  
A PRH3417-T  
G J W  
8 OCT 84  
B C056047  
K E W  
14 JAN 85  
C 60123  
S J S  
24 SEP 86  
D C094274  
DLM  
17 MAR 99  
E 203588  
CSL  
10 AUG 01  
CHECK  
KAGS  
10 OCT 84  
CHECK  
8 OCT 84  
DRAWN  
G J W  
FO-5285 1-A  
RASTER



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