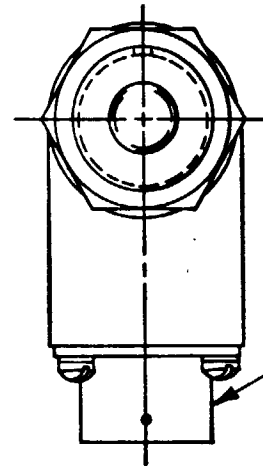
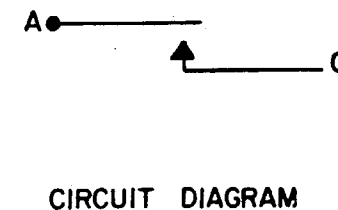


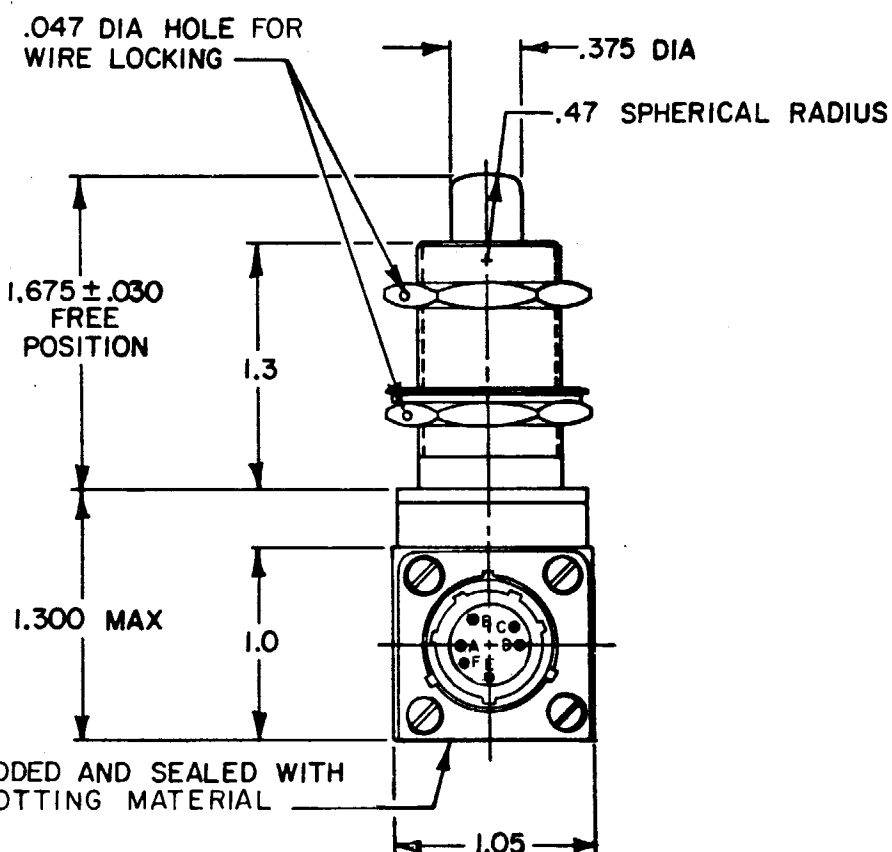
**MICRO SWITCH**  
FREEPORT ILLINOIS U S A  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91929

**SWITCH-ENCLOSED**

CATALOG LISTING  
**12HR11-R1**



BENDIX SCINTILLA PART  
NO. PT02H-10-6PW  
OR EQUIVALENT



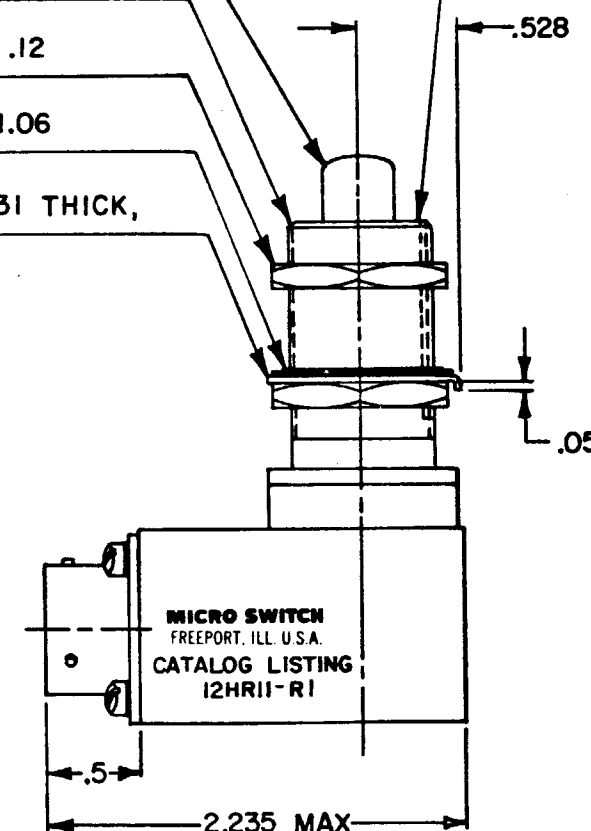
CORROSION RESISTANT STEEL PLUNGER  
3/4-20 UNEF THREAD TO WITHIN .150  
OF SHOULDER

HEX NUT .938 ACROSS FLATS X .12  
THICK (2) 6

INTERNAL TOOTH LOCKWASHER 1.06  
DIA X .022 REF THICK 6

KEYING WASHER .98 DIA X .031 THICK,  
TAB .110 WIDE 6

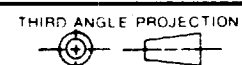
.072 ± .004 WIDE X .044 ± .003  
DEEP KEYWAY TO WITHIN .250  
OF SHOULDER



**NOTES**

- 1 SWITCH SEALED PER MIL-S-8805 SWITCH CHAMBER. WATERTIGHT TEST NOT APPLICABLE
- 2 ALL EXPOSED PARTS ARE CORROSION RESISTANT OR SUITABLY PLATED TO WITHSTAND CORROSION
- 3 CIRCUIT DIAGRAM PERMANENTLY MARKED ON SWITCH HOUSING
- 4 RECEPTACLE PIN IDENTIFICATION IS SHOWN ON CIRCUIT DIAGRAM
- 5 SWITCH WILL OPERATE SATISFACTORILY IN TEMPERATURES FROM -85°F TO +400°F
- 6 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.



SCALE FULL

DO NOT SCALE PRINT

**CHARACTERISTICS**

OPERATING FORCE ----- 6-12 LB  
FULL OVERTRAVEL FORCE --- 35 LB MAX  
RELEASE FORCE ----- 5 LB MIN  
PRETRAVEL ----- .050 MAX  
DIFFERENTIAL TRAVEL ----- .015 MAX  
OVERTRAVEL ----- .250 MIN

**ELECTRICAL DATA**

CONTACT ARRANGEMENT  
S P N O (1)

|     | 28 VDC<br>SEA LEVEL | 28 VDC<br>50,000 FT |
|-----|---------------------|---------------------|
| RES | 5                   |                     |
| IND | 2                   |                     |

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE  
ONE PLACE (.0) ± .030  
TWO PLACE (.00) ± .015  
THREE PLACE (.000) ± .005  
ANGLES ±

RAW MATERIAL-COMMERCIAL STANDARD  
MICRO SWITCH STANDARDS APPLY  
DIMENSIONS ARE TO BE MET BEFORE  
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 6 OZ APPROX

M 12HR11-R1

DRAWING  
NUMBER

ISSUE  
9

**REVISIONS**

|           |         |  |
|-----------|---------|--|
| A         | PR2664  |  |
| W J M     |         |  |
| 13 JUN 80 |         |  |
| B         | CO47277 |  |
| J A P     |         |  |
| 8 JAN 81  |         |  |
| C         | CO54204 |  |
| G J W     |         |  |
| 15 NOV 83 |         |  |
| D         | CO59096 |  |
| T S K     |         |  |
| 14 NOV 86 |         |  |
| E         | CO69306 |  |
| S A V     |         |  |
| 15 MAR 90 |         |  |

FO-52851-A

DRAWN

WJM 13 JUN 80

CHECK 18 JUNE 80

CHECK

CHECK

CHECK

CHECK

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CHECK

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CHECK

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