

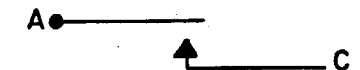
MICRO SWITCH

FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL

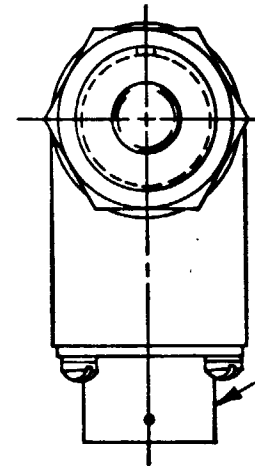
FED. MFG. CODE 91929

SWITCH-ENCLOSED

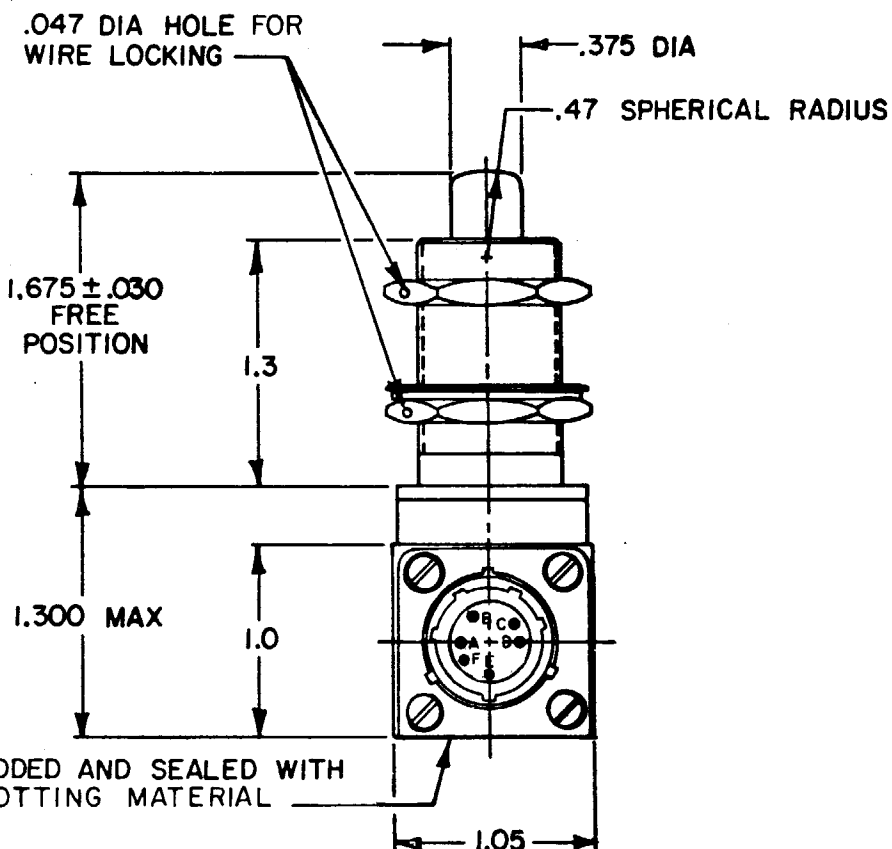
CATALOG LISTING
12HR11-R1



CIRCUIT DIAGRAM



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



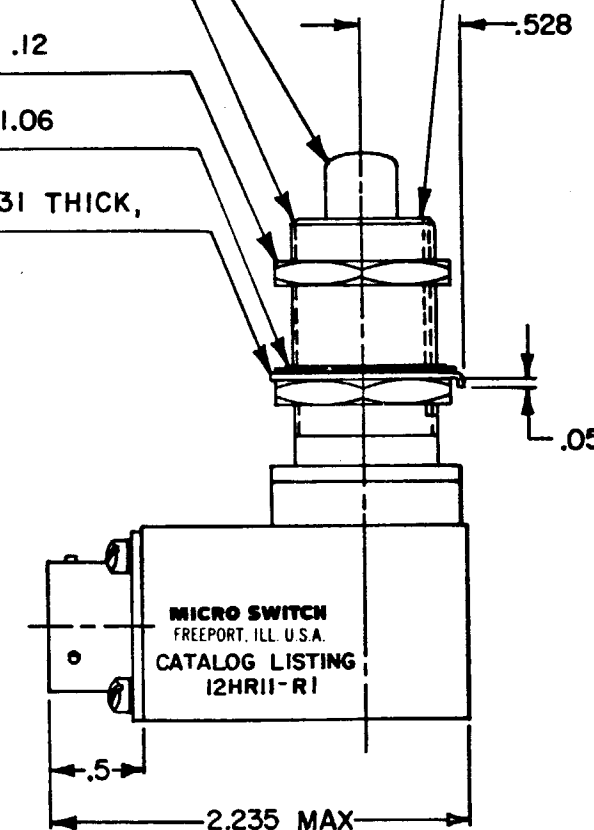
CORROSION RESISTANT STEEL PLUNGER
3/4-20 UNEF THREAD TO WITHIN .150
OF SHOULDER

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

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

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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 SEA LEVEL	28 VDC 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		

REPLACES

RELEASE NO. PR-8664

CHECK

CHECK

CHECK

CHECK

CHECK

FO-52851-A

DRAWN

WJM

13 JUN 80

18 JUNE 80

18 JUNE 80