

**MICRO SWITCH**  
a Honeywell Division  
FED. MFG. CODE 91929

**BRIDGE PRESSURE SENSOR**

CATALOG LISTING  
**136PC15A2**

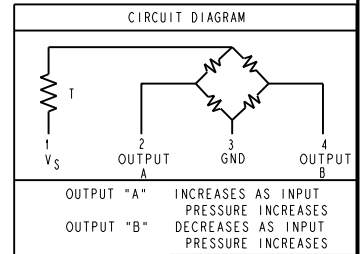
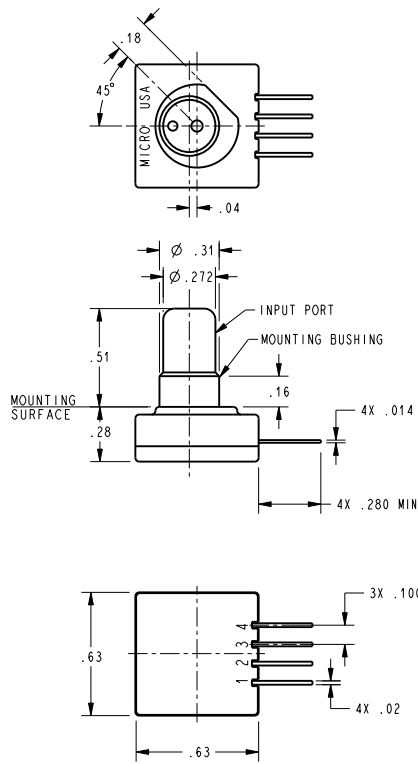
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**GENERAL OPERATING CHARACTERISTICS**

PRESSURE RANGE	0 TO 775 mmHg (0 TO 15 PSIA)
OVERPRESSURE	2325 mmHg (45 PSIA)
TEMPERATURE RANGES	
STORAGE	-55° C TO +125° C
OPERATE	-40° C TO +85° C
COMPENSATED	0° C TO +50° C
SUPPLY VOLTAGE	16 VDC MAX
INPUT RESISTANCE	6800 OHM TYP

**ELECTRICAL PERFORMANCE @ 25° C AND 10.00 ± .01 VDC SUPPLY**

OUTPUT VOLTAGE	
NULL (0 PSIA)	.000 mV TYP
REFERENCE (2 PSIA)	-13.3 ± 2 mV
FULL SCALE (15 PSIA)	-100.0 VDC TYP
SPAN (2 TO 15 PSIA)	-86.7 ± 2.5 mV
SENSITIVITY	6.7 mV/PSI TYP
LINEARITY (B.F.S.L.)	.12% SPAN MAX
HYSTERESIS & REPEATABILITY	.17% SPAN TYP
TEMPERATURE ERROR (0° C TO +50° C)	
NULL SHIFT	4.0 mV MAX
SPAN SHIFT	3.46% SPAN MAX



OUTPUT "A" INCREASES AS INPUT PRESSURE INCREASES  
OUTPUT "B" DECREASES AS INPUT PRESSURE INCREASES

THIRD ANGLE PROJECTION

SCALE 2 : 1

DO NOT SCALE PRINT  
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE  
ONE PLACE (.01) ±.030  
TWO PLACE (.00) ±.015  
THREE PLACE (.000) ±.005  
ANGLES ±

WEIGHT

**NOTES**

- 1 - TERMINALS ARE PLATED FOR SOLDERING
- 2 - LIMIT SOLDERING TO 315° C MAX FOR 10 SECONDS MAX
- 3 - INPUT MEDIA DRY GASES ONLY; CONNECTION SIDE OF SENSOR

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 TSM 18DEC02  
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 REVISIONS  
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 B 0000791  
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 CATALOG LISTING 136PC15A2  
 PAGE 1 OF 1  
 RELEASE NO. CO-77378  
 REPLACES

ANSI Y14.5M-1982 APPLIES