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CATALOG LISTING

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REPLACES

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RELEASE NO. CO-77378

MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

BRIDGE PRESSURE SENSOR

CATALOG LISTING

136PC15A2

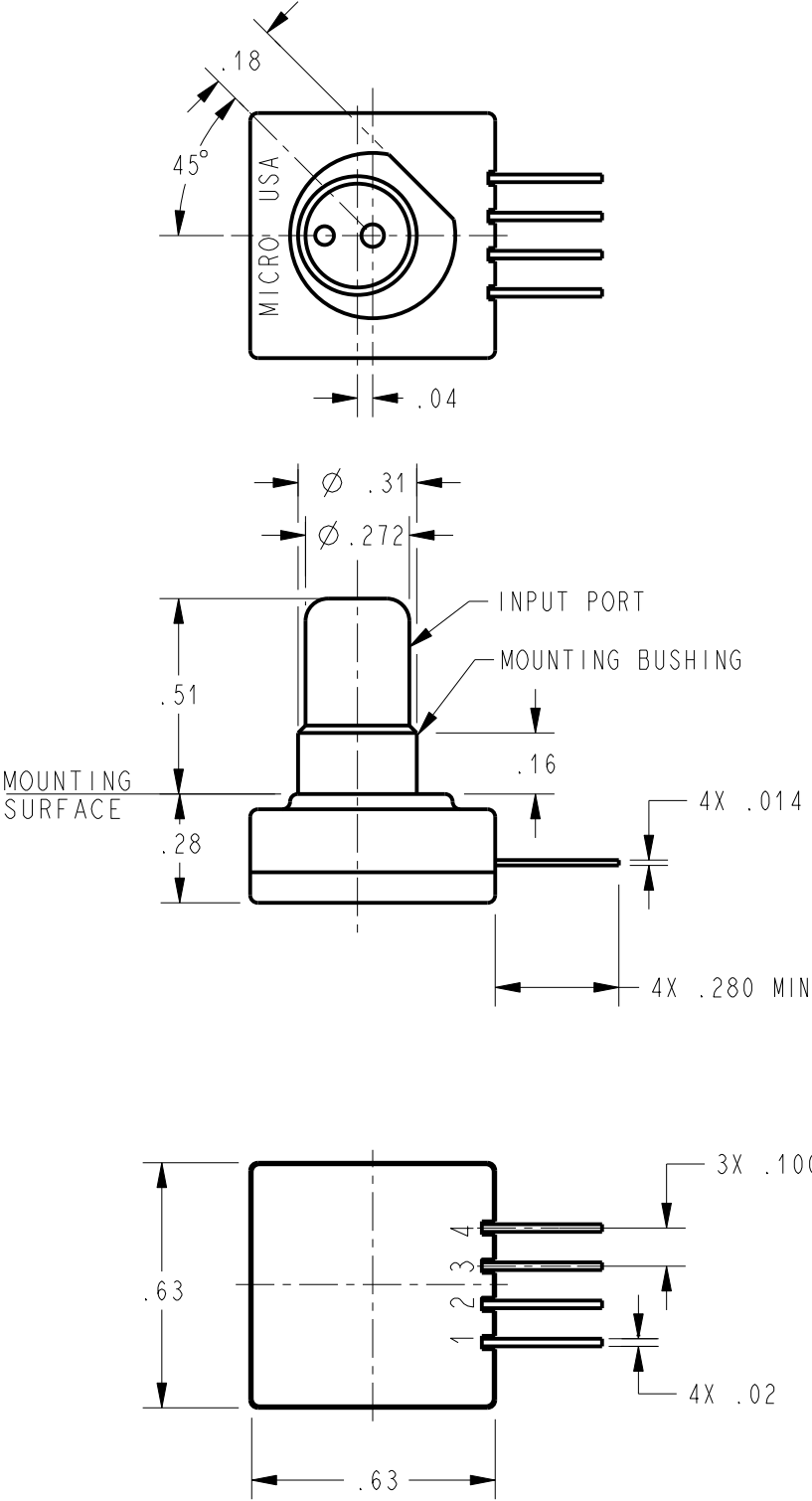
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

GENERAL OPERATING CHARACTERISTICS

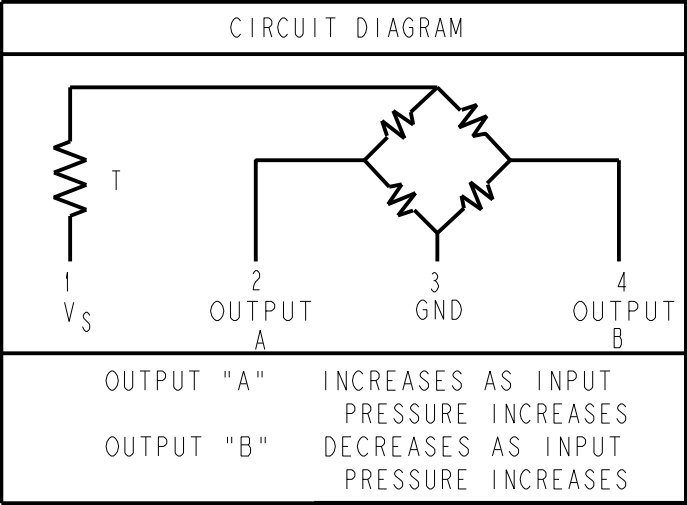
PRESSURE RANGE	0 TO 775 mmHg (0 TO 15 PSIA)
OVERPRESSURE	2325 mmHg (45 PSIA)
TEMPERATURE RANGES	
STORAGE	-55° C TO +125° C
OPERATE	-40° C TO +85° C
COMPENSATED	0° C TO +50° C
SUPPLY VOLTAGE	16 VDC MAX
INPUT RESISTANCE	6800 OHM TYP

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



- 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



THIRD ANGLE PROJECTION
SCALE 2 : 1
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0) ±.030
TWO PLACE (.00) ±.015
THREE PLACE (.000) ±.005
ANGLES ±
WEIGHT