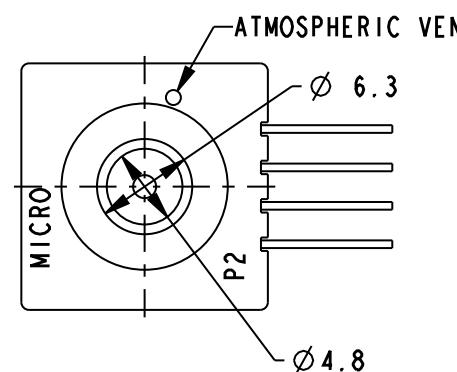


REV	DOCUMENT	CHANGED BY	CHECK
3	0064547	NR 20MAY10	RS

HONEYWELL
PART NUMBER
136PC05G2



GENERAL OPERATING CHARACTERISTICS

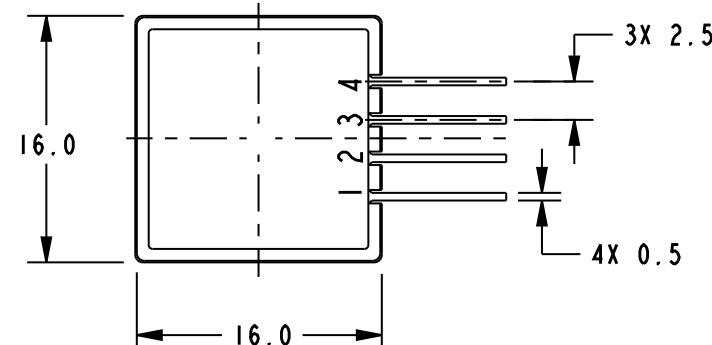
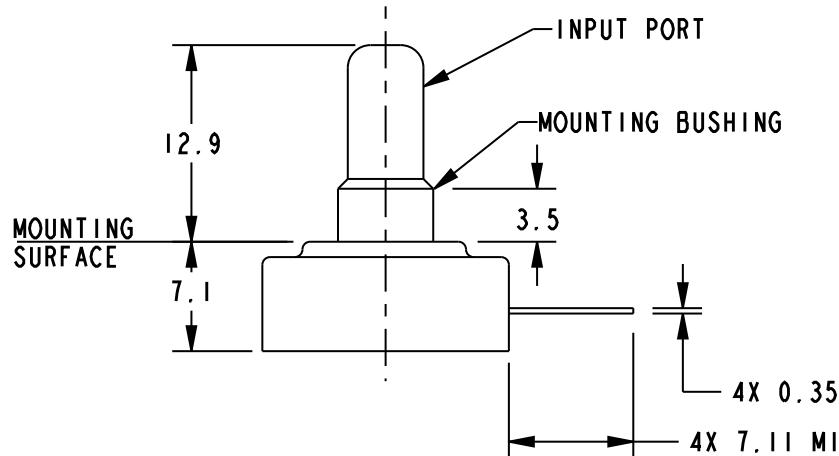
PRESSURE RANGE	0 TO 258 mmHg (0 TO 5 PSIG)
OVERPRESSURE	1035 mmHg (20 PSIG)
TEMPERATURE RANGES	
STORAGE	-55° TO +125°C
OPERATE	-40° TO +85°C
COMPENSATED	0°C TO +50°C
SUPPLY VOLTAGE	16 VDC MAX
INPUT RESISTANCE	6800 OHM TYP

ELECTRICAL PERFORMANCE AT $10.00 \pm .01$ VDC SUPPLY AND $+25^\circ C$

NULL OFFSET	0 ± 1 mV (AT PSI)
F.S.O. /3	50 ± 1.5 mV (0 TO 5 PSI)
LINEARITY (BFSL)	
INPUT < VENT	$\pm .5\%$ F.S.O. MAX /3
INPUT > VENT	$\pm 1.0\%$ F.S.O. MAX /3
HYSTERESIS & REPEATABILITY	$\pm .15\%$ F.S.O. TYP /3

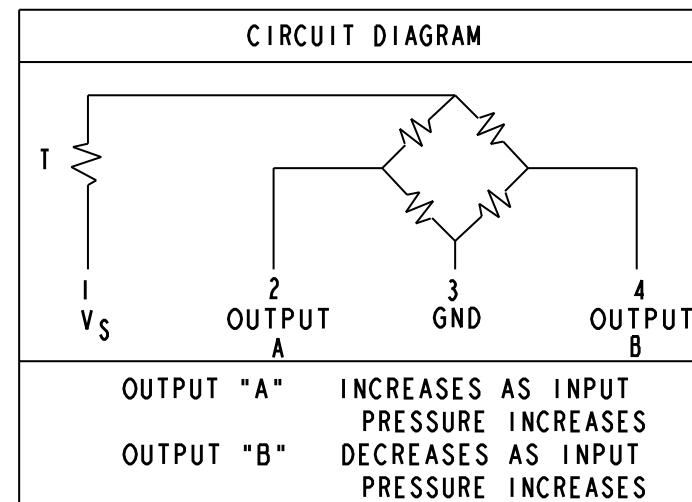
TEMPERATURE ERROR ($25^\circ C$ TO $0^\circ C$ OR $25^\circ C$ TO $50^\circ C$)

NULL SHIFT	± 4 mV MAX
SENSITIVITY SHIFT	$\pm 3.0\%$ F.S.O. MAX /3



NOTES

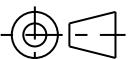
- TERMINALS ARE PLATED FOR SOLDERING
- LIMIT SOLDERING TO $315^\circ C$ MAX FOR 110 SECONDS MAX
- F.S.O. IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT END POINTS (NULL AND FULL PRESSURE)
- INPUT MEDIA LIMITED ONLY TO THOSE MEDIA THAT WILL NOT ATTACK POLYESTER, SILICON OR SILICONE BASED ADHESIVE



DESIGN UNITS: MM
TOLERANCES UNLESS NOTED:

NO PLACES X \pm 0.76
ONE PLACE .X \pm 0.38
TWO PLACE .XX \pm 0.15
THREE PLACE .XXX \pm -
ANGLES X \pm -

THIRD ANGLE PROJECTION



DRAWN DLT 30 JUL 02
CHECK SAV 30 JUL 02

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INTERPRET PER ANSI Y14.5M - 1982
OTHER HONEYWELL ENGINEERING
STANDARDS MAY APPLY

Pro/ENGINEER 2D

RELEASE NO.: CO-77378

Honeywell

TITLE
**BRIDGE PRESSURE
SENSOR**

SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
B	I	-	136PC05G2	3
SCALE	NONE			SHEET 1 OF 1