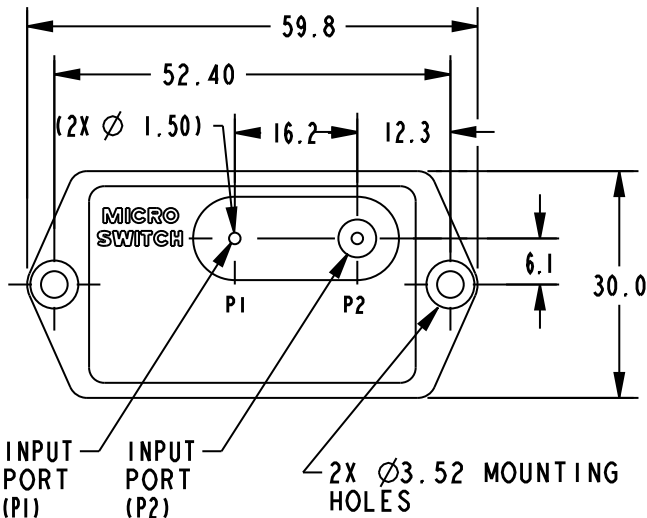
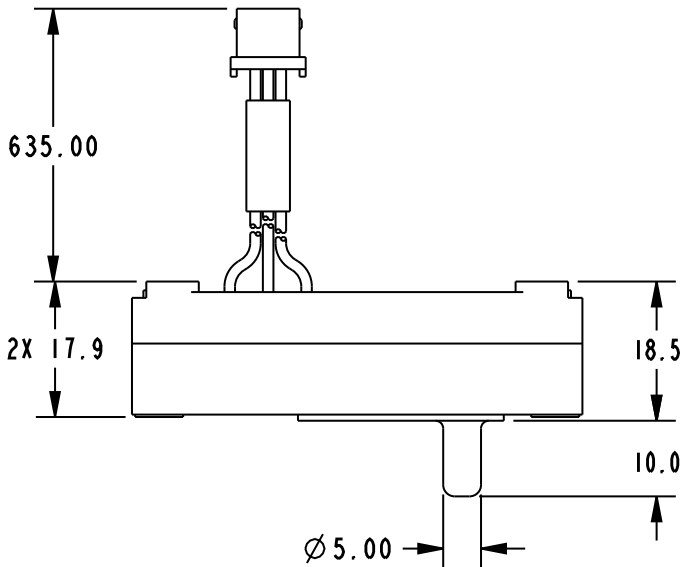
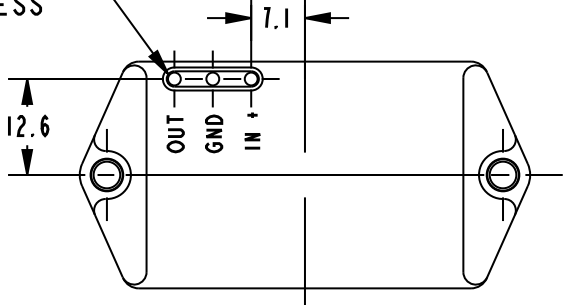


HONEYWELL
PART NUMBER
141PC05GW103

REV	DOCUMENT	CHANGED BY	CHECK
3	0064547	NR 20MAY10	RS

SHOWN WITHOUT
WIRE HARNESS



METRIC	INCH
1.50	.059
3.52	.139
5.00	.197
6.1	.24
7.1	.28
10.0	.39
12.3	.48
12.6	.50
16.2	.64
17.9	.70
18.5	.73
30.0	1.18
52.40	2.063
59.8	2.35
635.00	25.000

GENERAL OPERATING CHARACTERISTICS

PRESSURE RANGE	0 TO 259 mm Hg (0 TO 5 PSI)
OVERPRESSURE	1035 mm Hg (20 PSI)
TEMPERATURE RANGES	STORAGE -55° TO +125°C
	OPERATE -40° TO +85°C
	COMPENSATED -18° TO +63°C
SUPPLY VOLTAGE	7 TO 16 VDC
SUPPLY CURRENT	20 mA MAX WITH 10K LOAD
OUTPUT VOLTAGE	PROPORTIONAL TO SUPPLY VOLTAGE OVER ABOVE RECOMMENDED RANGE
SHORT CIRCUIT LIMIT	MAY BE SHORTENED INDEFINITLY
OUTPUT RIPPLE	NONE
GROUND REFERENCE	SUPPLY AND OUTPUT ARE COMMON

ELECTRICAL PERFORMANCE AT 25°C AND 8.00 ± 0.01 VDC SUPPLY

OUTPUT VOLTAGE	
NULL (0 PSIG)	1.00 ±0.05 VDC
FULL SCALE (-5 PSIG [259 mmHg])P2	6.00 ± 0.10 VDC (P2<P1)
SPAN $\triangle 3$	5.00 ± 0.05 VDC (P2<P1)
SENSITIVITY	19.33 mV/mmHg (1.0 V/PSI)
LINEARITY (% SPAN) (BFSL) $\triangle 3$	± 0.75 MAX (P2<P1)
	± 1.50 MAX (P2>P1)
HYSTERESIS AND REPEATABILITY (% SPAN) $\triangle 3$	± 0.25 TYP
TEMPERATURE ERROR (% SPAN) $\triangle 3$	
5° < 25° > 45°C	± 0.5 TYP
-18° < 25° > 63°C	± 1.0 MAX
-40° < 25° > 85°C	± 2.0 TYP
RESPONSE TIME	1 m SEC MAX

NOTES

1 - INPUT MEDIA:

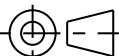
P1 - DRY GASES ONLY: CONNECTION SIDE OF SENSOR

P2 - LIMITED ONLY TO THOSE MEDIA THAT WILL NOT ATTACK POLYESTER, SILICON OR SILICONE BASED ADHESIVE

2 - UNITS ARE OF PLASTIC CONSTRUCTION

$\triangle 3$ SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT END POINTS (NULL AND FULL SCALE PRESSURE)

RELEASE NO. : PR-23730

DESIGN UNITS: - TOLERANCES UNLESS NOTED: NO PLACES X ± 0.76 ONE PLACE .X ± 0.38 TWO PLACE .XX ± 0.15 THREE PLACE .XXX ± - ANGLES X ± - THIRD ANGLE PROJECTION 	DRAWN	JAF	24MAY99	Honeywell				
	CHECK	JAF	24MAY99					
	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE LOW PRESSURE TRANSDUCER				
	INTERPRET PER ANSI Y14.5M - 1982 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY			SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
Pro/ENGINEER 2D			B	I	-	141PC05GW103	3	
			SCALE NONE				SHEET I OF I	