

	PERFORMANCE AT 25°C AND 5 \pm 0.01 Vdc (UNLESS OTHERWISE STATED)							
G STYLE (GAGE)		C-GRADE		UNITS	FULL SCALE PRESSURE	PROOF PRESSURE	BURST PRESSURE	
	MIN	NOM	MAX					
OFFSET (FOR ALL LISTINGS)	- 50	0	50	mV	PS1	PSI	PSI	
4 IN H ₂ O SPAN (PI>P2) (LO4 LISTING)	38.2	48.75	59.3	mV	4 IN H ₂ 0	3	5	
IO IN H ₂ O SPAN (PI>P2) (LIO LISTING)	45	78.5	112	mV	10 IN H ₂ 0	3	5	
0.3 PSI SPAN (PI>P2)	37	65	93	mV	0.3	3	5	
I PSI SPAN (PI>P2)	40	75	110	mV	I	3	5	
5 PSI SPAN (PI>P2)	112	168.5	225	mV	5	Ι5	25	
I5 PSI SPAN (PI>P2)	168	253	338	mV	15	45	75	
30 PSI SPAN (PI>P2)	168	253	338	mV	30	90	150	
60 PSI SPAN (PI>P2)	189	263.5	338	mV	60	180	300	
IOO PSI SPAN (PI>P2)	2 0	295	380	mV	100	250	400	
I50 PSI SPAN (PI>P2)	187	262.5	338	mV	150	250	400	
TEMPERATURE CHANGE BRIDGE RESISTANCE		2800		ppm/°C				
TEMPERATURE CHANGE SPAN		- 1800		ppm/C°				
COMBINED LINEARITY AND HYSTERESIS 🔼				% SPAN				

GENERAL OPERATING	ALL PRESSURES AND GRADES					
CHARACTERISTICS	MIN	NOM	MAX	UNITS		
EXCITATION VOLTAGE		5	12	Vdc		
INPUT RESISTANCE		3000		OHMS		
OUTPUT RESISTANCE		3000		OHMS		
OPERATING TEMPERATURE	- 2 5	25	85	°C		
STORAGE TEMPERATURE	- 40		125	°C		



PIN OUT						
	-V EXCITATION					
2	+ OUTPUT SIGNAL					
3	+ V EXCITATION					
4	- OUTPUT SIGNAL					

EQUIVALENT CIRCUIT

PERATING TEMPERATURE	- 2 5	25	85
ORAGE TEMPERATURE	- 40		125

- NOTES:
- I SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUPUT AT FULL SCALE PRESSURE AND THE OFFSET OUTPUT.
- 2 LINEARITY IS MEASURED AT 1/2 FULL SCALE PRESSURE USING BEST STRAIGHT LINE FIT. 3 - THE OUTPUT OF THE SENSOR IS PROPORTIONAL, RATIOMETRIC, TO THE EXCITATION VOLTAGE.
- ALL SPECIFICATIONS WILL NOMINALLY BE CHANGED BY THE RATIO OF V_{EXCITATION}/5.0 Vdc.

3

- 4 LIMIT SOLDERING TO 315°C FOR LESS THAN 10 SECONDS.
- 5 APPLYING PRESSURE TO PORT INDICATED ON THE DRAWINGS SHOWN.
- 6 SENSORS ARE OPERATIONAL OVER VACUUM PRESSURE RANGE.

2

7 - PI INPUT MEDIA RESTRICTED TO DRY GASES ONLY.

А

В

4

5

