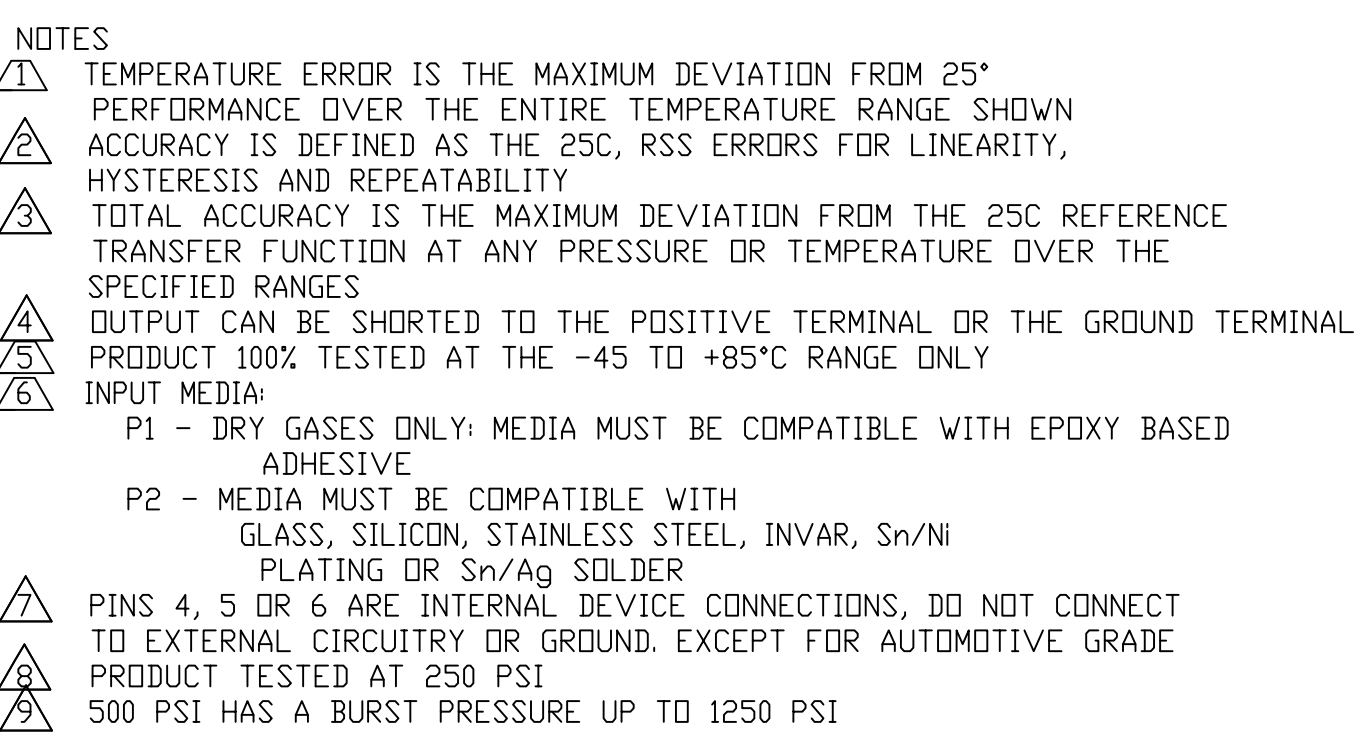




 CAUTION ELECTROSTATIC SENSITIVE DEVICES DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION		THIRD ANGLE PROJECTION  SCALE 4 : 1 DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">ONE PLACE</td> <td style="width: 20%; text-align: center;">(0)</td> <td style="width: 20%; text-align: right;">+0.30</td> </tr> <tr> <td>TWO PLACE</td> <td style="text-align: center;">(00)</td> <td style="text-align: right;">+0.15</td> </tr> <tr> <td>THREE PLACE</td> <td style="text-align: center;">(000)</td> <td style="text-align: right;">+0.05</td> </tr> <tr> <td>ANGLES</td> <td></td> <td style="text-align: right;">°</td> </tr> </table>	ONE PLACE	(0)	+0.30	TWO PLACE	(00)	+0.15	THREE PLACE	(000)	+0.05	ANGLES		°
ONE PLACE	(0)	+0.30												
TWO PLACE	(00)	+0.15												
THREE PLACE	(000)	+0.05												
ANGLES		°												
PROPERTY OF MICRO SWITCH, A DIVISION OF WITHOUT THE APPROVAL OF MICRO SWITCH.														
NSDR	CATALOG LISTING	40PC SERIES CHART 1												
WEIGHT														

GENERAL CHARACTERISTICS									
PRESSURE RANGE	SEE CHART								
OVERPRESSURE	SEE CHART								
TEMPERATURE RANGES	-55° TO +125°C								
STORAGE	-45° TO +125°C								
SUPPLY VOLTAGE	5.0 Vdc (MIN) ±25 Vdc								
SUPPLY CURRENT	10mA MAX								
SHORT CIRCUIT LIMIT	1/4								
OUTPUT SOURCE CURRENT	0.5 mA MAX								
OUTPUT SINK CURRENT	1.0 mA MAX								
OUTPUT CAPACITANCE	0.01 μF								
ISOLATION RESISTANCE	10 ¹⁰ Ω MIN								
OUTPUT PERFORMANCE AT 25°C AND 5.00±0.01 VDC SUPPLY UNLESS NOTED									
NULL (0 PSIG)	SEE CHART								
FULL SCALE	4.500 Vdc TYP								
SPAN	SEE CHART								
SENSITIVITY	SEE CHART								
HYSTERESIS & REPEATABILITY	0.15% SPAN TYP								
TEMPERATURE ERROR	0 TO -15 PSI	0 TO 15 PSI	0 TO 30 PSI	0 TO 100 PSI	0 TO 150 PSI	0 TO 250 PSI	0 TO 500 PSI	0 TO 300 mmHg	
NULL SHIFT									
+25° TO -18°C	±0.75% SPAN MAX	±2.00% SPAN MAX	±1.50% SPAN MAX	±1.25% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±1.00% SPAN MAX	±1.25% SPAN MAX	
+25° TO +63°C		±2.00% SPAN MAX	±1.50% SPAN MAX	±1.25% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±1.00% SPAN MAX	±1.25% SPAN MAX	
+25° TO -45°C	±1.00% SPAN MAX	±2.75% SPAN MAX	±1.75% SPAN MAX	±2.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.50% SPAN MAX	±2.75% SPAN MAX	
+25° TO +85°C	±1.00% SPAN MAX	±2.75% SPAN MAX	±2.00% SPAN MAX	±2.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.50% SPAN MAX	±2.50% SPAN MAX	
+25° TO +125°C			±2.25% SPAN MAX	±3.00% SPAN MAX	±1.50% SPAN MAX	±2.00% SPAN MAX	±2.50% SPAN MAX	±2.50% SPAN MAX	
SPAN SHIFT									
+25° TO -18°C	±2.00% SPAN MAX	±0.75% SPAN MAX	±1.50% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	
+25° TO +63°C		±0.75% SPAN MAX	±1.50% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	
+25° TO -45°C	±2.25% SPAN MAX	±1.00% SPAN MAX	±1.75% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±2.00% SPAN MAX	
+25° TO +85°C	±1.25% SPAN MAX	±1.00% SPAN MAX	±2.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.75% SPAN MAX	
+25° TO +125°C			±2.25% SPAN MAX	±2.00% SPAN MAX	±1.50% SPAN MAX	±2.00% SPAN MAX	±1.50% SPAN MAX	±1.75% SPAN MAX	
COMBINED NULL AND SPAN SHIFT									
+25° TO -18°C	±1.50% SPAN MAX	±2.00% SPAN MAX	±2.00% SPAN MAX	±1.50% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±1.00% SPAN MAX	±1.50% SPAN MAX	
+25° TO +63°C		±2.00% SPAN MAX	±2.00% SPAN MAX	±1.50% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±1.00% SPAN MAX	±1.50% SPAN MAX	
+25° TO -45°C	±1.75% SPAN MAX	±3.00% SPAN MAX	±2.50% SPAN MAX	±2.50% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.75% SPAN MAX	±4.00% SPAN MAX	
+25° TO +85°C	±1.00% SPAN MAX	±3.00% SPAN MAX	±2.50% SPAN MAX	±2.50% SPAN MAX	±1.00% SPAN MAX	±1.00% SPAN MAX	±1.50% SPAN MAX	±4.00% SPAN MAX	
+25° TO +125°C			±2.50% SPAN MAX	±3.00% SPAN MAX	±1.50% SPAN MAX	±3.00% SPAN MAX	±3.00% SPAN MAX	±4.00% SPAN MAX	
LINEARITY (BFSL)	0.30% SPAN MAX	0.20% SPAN MAX	0.30% SPAN MAX	0.10% SPAN MAX	0.10% SPAN MAX	0.10% SPAN MAX	0.20% SPAN MAX	±0.20% SPAN MAX	
ACCURACY (250 RSS)	±0.4% SPAN	±0.4% SPAN	±0.40% SPAN MAX	±0.2% SPAN	±0.2% SPAN	±0.2% SPAN	±0.2% SPAN	±0.40% SPAN MAX	
TOTAL ACCURACY	±1.8 TO 63°C	±4.0% SPAN MAX	±1.50% SPAN MAX	±2.5% SPAN MAX	±2% SPAN MAX	±2% SPAN MAX	±2% SPAN MAX	±2.00% SPAN MAX	
-45 TO 85°C	±2.25% SPAN MAX	±4.0% SPAN MAX	±1.75% SPAN MAX	±2.5% SPAN MAX	±2% SPAN MAX	±2% SPAN MAX	±3% SPAN MAX	±4.00% SPAN MAX	
-45 TO 125°C			±2.25% SPAN MAX	±3.0% SPAN MAX	±2.50% SPAN MAX	±3% SPAN MAX	±3% SPAN MAX	±4.00% SPAN MAX	

