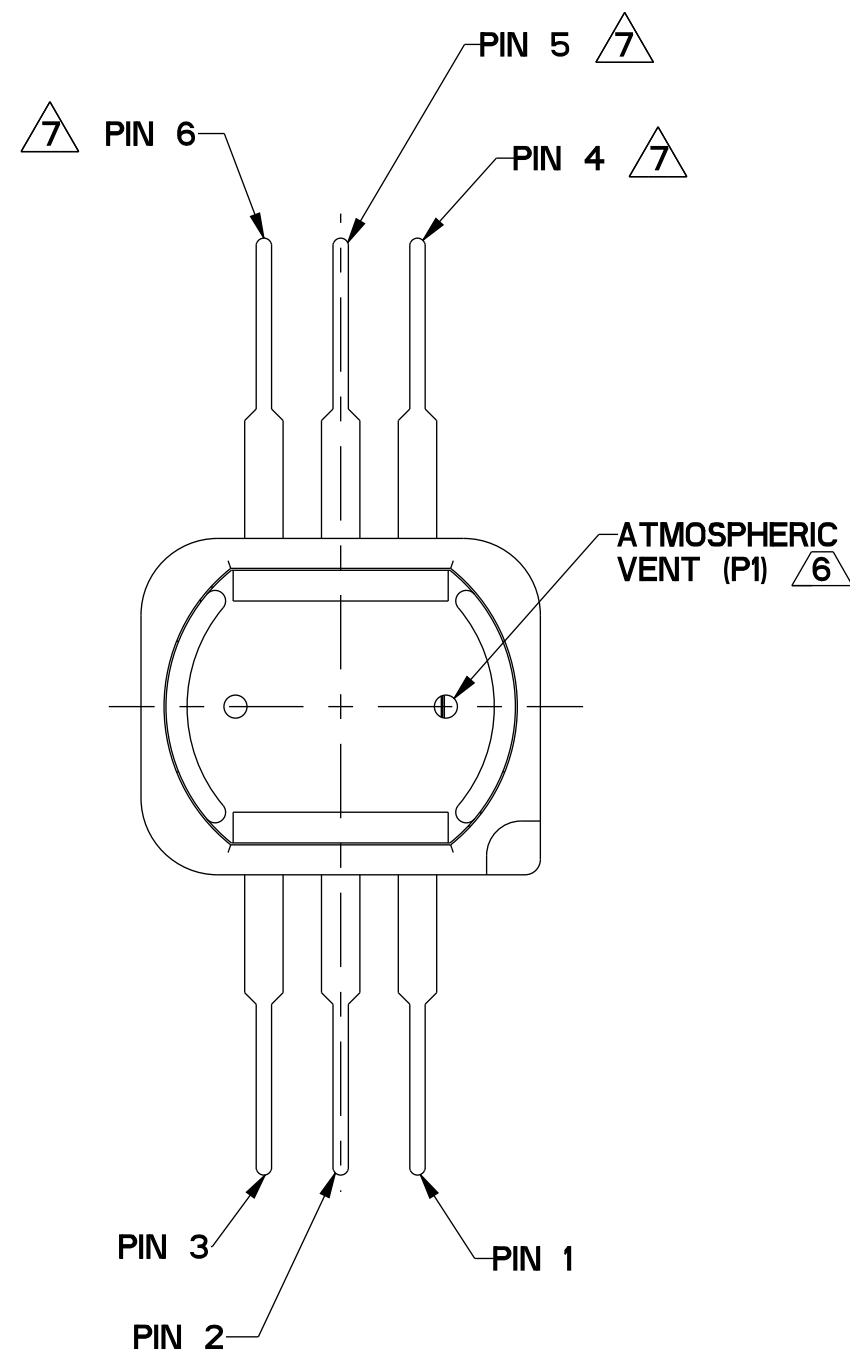
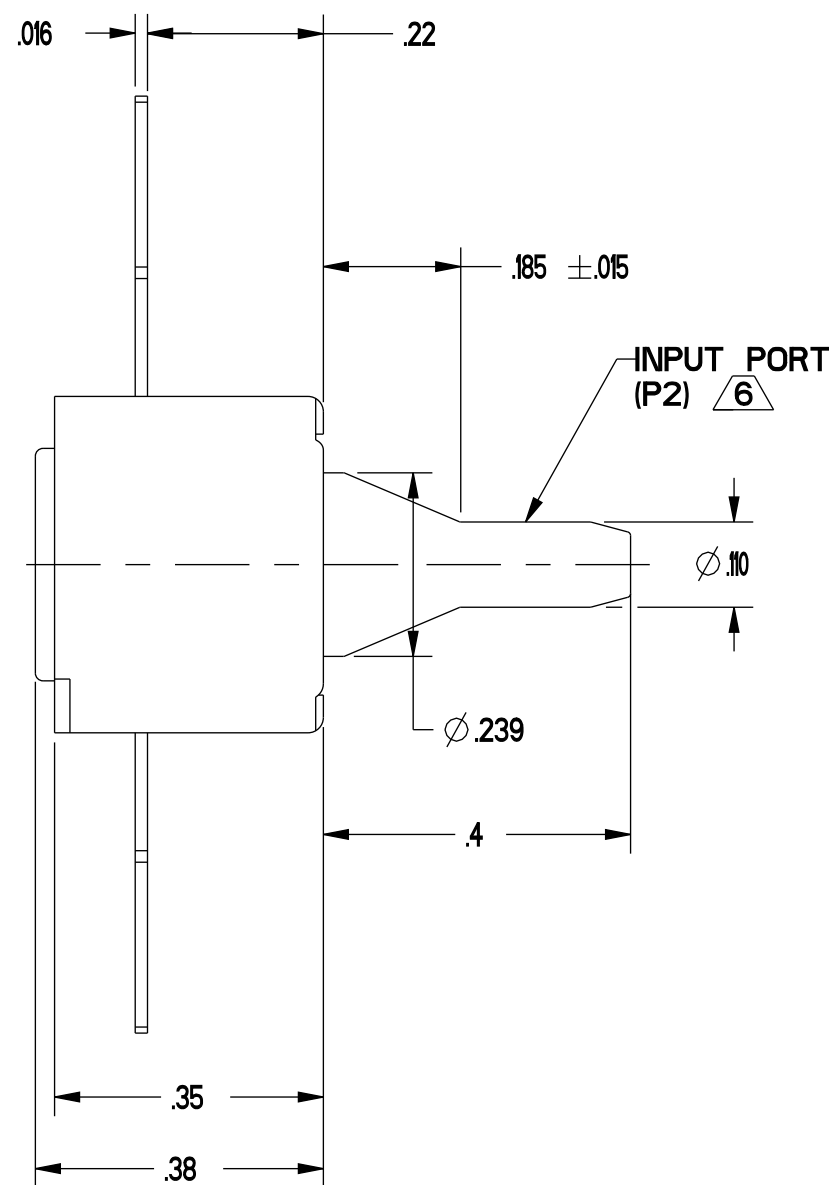
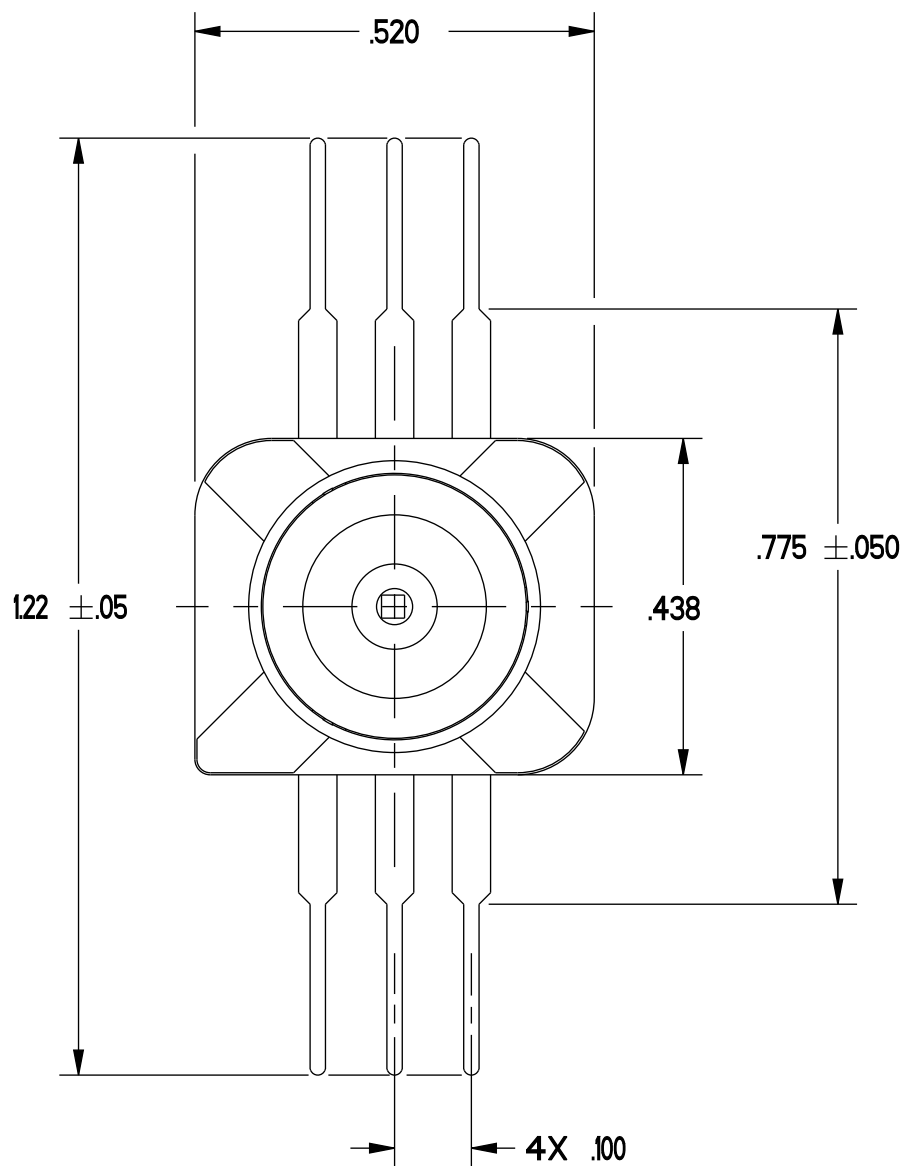




LEAD PIN OUT		
Vout	GND	Vs
3	2	1



LEAD STYLE 1



40PC

PRESSURE RANGE
015 - 0 TO 15 PSI
100 - 0 TO 100 PSI
150 - 0 TO 150 PSI
250 - 0 TO 250 PSI
500 - 0 TO 500 PSI
030 - 0 TO 30 PSI
006 - 0 TO 300 mmHg

LEAD STYLE
1 - UNFORMED
2 - FORMED AWAY FROM PORT
3 - FORMED TOWARDS PORT

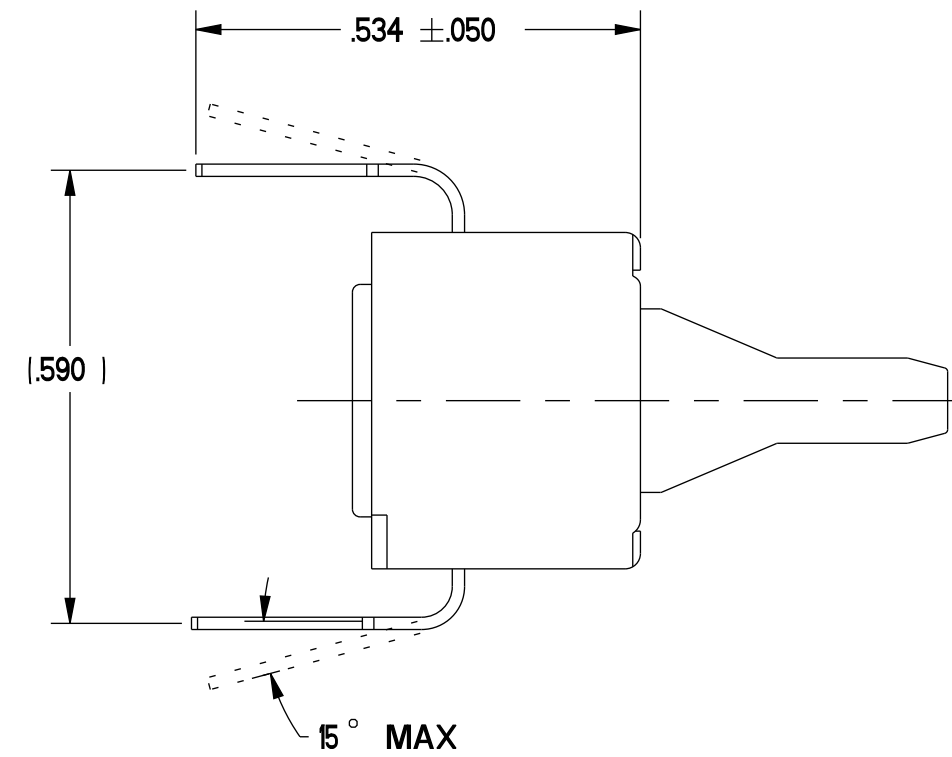
PRESSURE TYPE
G - GAGE
V - VACUUM

S - AUTOMOTIVE GRADE
T - ENHANCED SOLDER JOINT

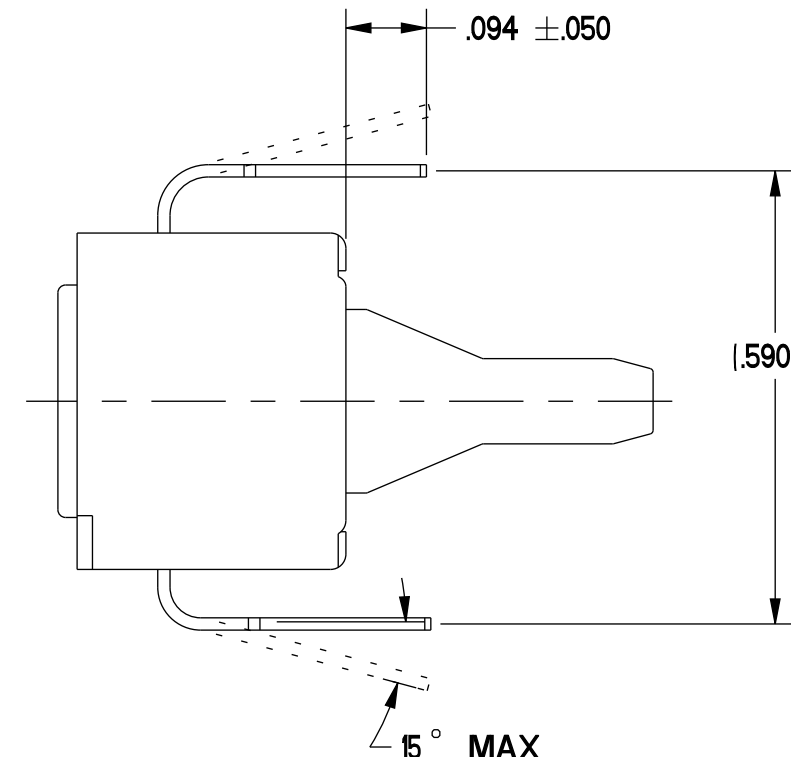
PORT STYLE
A - STRAIGHT

NOTES

- TEMPERATURE ERROR IS THE MAXIMUM DEVIATION FROM 25° PERFORMANCE OVER THE ENTIRE TEMPERATURE RANGE SHOWN
- ACCURACY IS DEFINED AS THE 25C, RSS ERRORS FOR LINEARITY, HYSTERESIS AND REPEATABILITY
- TOTAL ACCURACY IS THE MAXIMUM DEVIATION FROM THE 25C REFERENCE TRANSFER FUNCTION AT ANY PRESSURE OR TEMPERATURE OVER THE SPECIFIED RANGES
- OUTPUT CAN BE SHORTED TO THE POSITIVE TERMINAL OR THE GROUND TERMINAL
- PRODUCT 100% TESTED AT THE -45 TO +85°C RANGE ONLY
- INPUT MEDIA:
 - P1 - DRY GASES ONLY: MEDIA MUST BE COMPATIBLE WITH EPOXY BASED ADHESIVE
 - P2 - MEDIA MUST BE COMPATIBLE WITH GLASS, SILICON, STAINLESS STEEL, INVAR, Sn/Ni PLATING OR Sn/Ag SOLDER
- PINS 4, 5 OR 6 ARE INTERNAL DEVICE CONNECTIONS, DO NOT CONNECT TO EXTERNAL CIRCUITRY OR GROUND. EXCEPT FOR AUTOMOTIVE GRADE PRODUCT TESTED AT 250 PSI
- 500 PSI HAS A BURST PRESSURE UP TO 1250 PSI



LEAD STYLE 2



LEAD STYLE 3

					OUTPUT PERFORMANCE AT 25°C AND 5.00±.01 VDC SUPPLY	
CATALOG LISTING	LEAD STYLE	PRESSURE RANGE	OVER-PRESSURE	SENSITIVITY	NULL (0 PSIG) VDC	SPAN VDC
40PC015G1A	1	0 TO 15 PSI	45 PSI	266.6 mV/PSI TYP	500±.110	4.000±.110
40PC015G2A	2	0 TO 15 PSI	45 PSI	266.6 mV/PSI TYP	500±.110	4.000±.110
40PC015G3A	3	0 TO 15 PSI	45 PSI	266.6 mV/PSI TYP	500±.110	4.000±.110
40PC100G1A	1	0 TO 100 PSI	200 PSI	40.0 mV/PSI TYP	500±.040	4.000±.090
40PC100G2A	2	0 TO 100 PSI	200 PSI	40.0 mV/PSI TYP	500±.040	4.000±.090
40PC100G3A	3	0 TO 100 PSI	200 PSI	40.0 mV/PSI TYP	500±.040	4.000±.090
40PC150G1A	1	0 TO 150 PSI	300 PSI	26.6 mV/PSI TYP	500±.040	4.000±.070
40PC150G2A	2	0 TO 150 PSI	300 PSI	26.6 mV/PSI TYP	500±.040	4.000±.070
40PC150G3A	3	0 TO 150 PSI	300 PSI	26.6 mV/PSI TYP	500±.040	4.000±.070
40PC250G1A	1	0 TO 250 PSI	500 PSI	16.0 mV/PSI TYP	500±.040	4.000±.070
40PC250G2A	2	0 TO 250 PSI	500 PSI	16.0 mV/PSI TYP	500±.040	4.000±.070
40PC250G3A	3	0 TO 250 PSI	500 PSI	16.0 mV/PSI TYP	500±.040	4.000±.070
40PC500G1A	1	0 TO 500 PSI	1000 PSI	8.0 mV/PSI TYP	500±.040	4.000±.090
40PC500G2A	2	0 TO 500 PSI	1000 PSI	8.0 mV/PSI TYP	500±.040	4.000±.090
(K) 40PC015V1A	3	0 TO 500 PSI	1000 PSI	8.0 mV/PSI TYP	500±.040	4.000±.090
40PC015V2A	1	0 TO 15 PSI	30 PSI	266.6 mV/PSI TYP	500±.040	4.0±.1
40PC015V3A	2	0 TO 15 PSI	30 PSI	266.6 mV/PSI TYP	500±.040	4.0±.1
40PC030G1A	3	0 TO 30 PSI	60 PSI	133.3 mV/PSI TYP	500±.040	4.000±.080
40PC030G2A	1	0 TO 30 PSI	60 PSI	133.3 mV/PSI TYP	500±.040	4.000±.080
(K) 40PC030G2A	2	0 TO 30 PSI	60 PSI	133.3 mV/PSI TYP	500±.040	4.000±.080
40PC006G1A	3	0 TO 300 mmHg	650 mmHg	13.33 mV/mmHg	500±.050	4.000±.050
40PC006G2A	1	0 TO 300 mmHg	650 mmHg	13.33 mV/mmHg	500±.050	4.000±.050
40PC006G3A	2	0 TO 300 mmHg	650 mmHg	13.33 mV/mmHg	500±.050	4.000±.050
40PC150G1AS	3	0 TO 150 PSI	300 PSI	26.6 mV/PSI TYP	500±.040	4.000±.070
40PC150GIAT	1	0 TO 150 PSI	300 PSI	26.6 mV/PSI TYP	500±.040	4.000±.070

GENERAL CHARACTERISTICS								
PRESSURE RANGE	SEE CHART							
OVERPRESSURE	SEE CHART							
TEMPERATURE RANGES								
STORAGE	-55° TO +125° C							
OPERATING	-45° TO +125° C							
SUPPLY VOLTAGE	5.0 Vdc (NOM) ±.25 Vdc							
SUPPLY CURRENT	10mA MAX							
SHORT CIRCUIT LIMIT	4							
OUTPUT SOURCE CURRENT	0.5 mA MAX							
OUTPUT SINK CURRENT	10 mA MAX							
OUTPUT CAPACITANCE	0.01µ F MAX							
DRIVE CAPABILITY								
RATIMOTRICITY	±0.25% SPAN TYP							
OUTPUT PERFORMANCE AT 25° C AND 5.00±.01 VDC SUPPLY UNLESS NOTED								
NULL (0 PSIG)	SEE CHART							
FULL SCALE	4500 Vdc TYP							
SPAN	SEE CHART							
SENSITIVITY	SEE CHART							
HYSTERESIS & REPEATABILITY	0.15% SPAN TYP							
TEMPERATURE ERROR / 1	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 / 8	0 TO 300 mmHg
NULL SHIFT								
-25° TO -18° C	±0.75% SPAN MAX	±2.00% SPAN MAX	±150% SPAN MAX	±125% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±100% SPAN MAX	±125% SPAN MAX
-25° TO +63° C		±2.00% SPAN MAX	±150% SPAN MAX	±125% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±100% SPAN MAX	±125% SPAN MAX
-25° TO -45° C	±100% SPAN MAX	±2.75% SPAN MAX	±175% SPAN MAX	±2.00% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±150% SPAN MAX	±2.75% SPAN MAX
-25° TO +85° C	±100% SPAN MAX	±2.75% SPAN MAX	±2.00% SPAN MAX	±2.00% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±150% SPAN MAX	±2.50% SPAN MAX
-25° TO +125° C	5		±2.25% SPAN MAX	±3.00% SPAN MAX	±150% 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	±150% 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	±150% 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	±100% SPAN MAX	±175% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±2.00% SPAN MAX
-25° TO +85° C	±125% SPAN MAX	±100% SPAN MAX	±2.00% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±1.75% SPAN MAX
-25° TO +125° C	5		±2.25% SPAN MAX	±2.00% SPAN MAX	±150% SPAN MAX	±2.00% SPAN MAX	±150% SPAN MAX	±1.75% SPAN MAX
COMBINED NULL AND SPAN SHIFT								
-25° TO -18° C	±150% SPAN MAX	±2.00% SPAN MAX	±2.00% SPAN MAX	±150% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±100% SPAN MAX	±150% SPAN MAX
-25° TO +63° C		±2.00% SPAN MAX	±2.00% SPAN MAX	±150% SPAN MAX	±0.75% SPAN MAX	±0.75% SPAN MAX	±100% SPAN MAX	±150% SPAN MAX
-25° TO -45° C	±175% SPAN MAX	±3.00% SPAN MAX	±250% SPAN MAX	±250% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±175% SPAN MAX	±4.00% SPAN MAX
-25° TO +85° C	±100% SPAN MAX	±3.00% SPAN MAX	±250% SPAN MAX	±250% SPAN MAX	±100% SPAN MAX	±100% SPAN MAX	±150% SPAN MAX	±4.00% SPAN MAX
-25° TO +125° C	5		±250% SPAN MAX	±3.00% SPAN MAX	±150% SPAN MAX	±3.00% SPAN MAX	±3.00% SPAN MAX	±4.00% SPAN MAX
LINEARITY (B.F.S.L)	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 (25C) RSS / 2	±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 / 3	-18 TO 63° C	±4.0% SPAN MAX	±150% SPAN MAX	±25% 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	±175% SPAN MAX	±25% SPAN MAX	±2% SPAN MAX	±2% SPAN MAX	±3% SPAN MAX	±4.00% SPAN MAX
-45 TO 125° C / 5			±2.25% SPAN MAX	±3.0% SPAN MAX	±250% SPAN MAX	±3% SPAN MAX	±3% SPAN MAX	±4.00% SPAN MAX

