

CALIBRATION COEFFICIENTS

SERIAL NO : 115173

PRESSURE TRANSDUCER

DATE : 07-01-2009

MODEL :	PRESSURE RANGE :	TEMP. RANGE :	PORT :
410K-134	0 to 10000 psia	0 to 125 deg C	

PRESSURE COEFFICIENTS

U = temperature
(deg C)

$$C = C_1 + C_2U + C_3U^2$$

$$D = D_1 + D_2U$$

$$T_0 = T_1 + T_2U + T_3U^2 + T_4U^3 + T_5U^4$$

T = pressure period
(μsec)

Pressure : (psia)

$$P = C \left(1 - \frac{T_0^2}{T^2}\right) \left(1 - D \left(1 - \frac{T_0^2}{T^2}\right)\right)$$

C ₁	-47018.20 psia
C ₂	-3.11018E-01 psia/deg C
C ₃	1.46413E-02 psia/deg C ²

D ₁	0.037486
D ₂	0

T ₁	30.02504 μsec
T ₂	-3.39080E-04 μsec/deg C
T ₃	4.14838E-06 μsec/deg C ²
T ₄	2.79372E-09 μsec/deg C ³
T ₅	0

(07-01-2009)

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SALES ORDER : 26474

PREPARED BY : T.C.

