

CALIBRATION COEFFICIENTSSERIAL NO : **104455**

PRESSURE TRANSDUCER

DATE : 02-19-2007

MODEL :

410K-134

PRESSURE RANGE :

0 to 10000 psia

TEMP. RANGE :

0 to 125 deg C

PORT :

oil filled

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	-47354.84 psia
C ₂	-1.40129E-01 psia/deg C
C ₃	1.34866E-02 psia/deg C ²

D ₁	0.038378
D ₂	0

T ₁	29.90538 μsec
T ₂	-3.12657E-04 μsec/deg C
T ₃	3.89259E-06 μsec/deg C ²
T ₄	3.10422E-09 μsec/deg C ³
T ₅	0

(02-19-2007)

HISTORY

PAROSCIENTIFIC, INC.4500 148th AVENUE N.E.
REDMOND, WA. 98052CUSTOMER : **SEABIRD ELECTRONICS, INC.**

SALES ORDER : 23856

PREPARED BY : AJY

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TEST
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