

CALIBRATION COEFFICIENTS		SERIAL NO : 92973	
PRESSURE TRANSDUCER		DATE : 04-15-2004	
MODEL :	PRESSURE RANGE :	TEMP. RANGE :	PORT :
410K-105	0 to 10000 psia	0 to 125 deg C	oil filled

CHANGED 07 SEPT 04 AS PER PAROSCIENTIFIC  
CALIBRATION AND DP/DT TESTS.

C1: -4.481307 E+004  
C2: -6.537544 E-001  
T1: 3.040635 E+001  
T2: -4.877567 E-004

PRESSURE COEFFICIENTS

U = temperature  
(deg C)

C = C<sub>1</sub> + C<sub>2</sub>U + C<sub>3</sub>U<sup>2</sup>

D = D<sub>1</sub> + D<sub>2</sub>U

T<sub>0</sub> = T<sub>1</sub> + T<sub>2</sub>U + T<sub>3</sub>U<sup>2</sup> + T<sub>4</sub>U<sup>3</sup> + T<sub>5</sub>U<sup>4</sup>

T = pressure period  
(μsec)

Pressure : (psia)

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

<del>C<sub>1</sub></del>	<del>-44813.21 psia</del>
<del>C<sub>2</sub></del>	<del>-6.45449E-01 psia/deg C</del>
C <sub>3</sub>	1.44348E-02 psia/deg C <sup>2</sup>
D <sub>1</sub>	0.036478
D <sub>2</sub>	0
<del>T<sub>1</sub></del>	<del>30.40631 μsec</del>
<del>T<sub>2</sub></del>	<del>-4.85147E-04 μsec/deg C</del>
T <sub>3</sub>	4.27727E-06 μsec/deg C <sup>2</sup>
T <sub>4</sub>	2.82611E-09 μsec/deg C <sup>3</sup>
T <sub>5</sub>	0

(04-15-2004)

M=1.285440e-002  
B=-8.443557e+000

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