



Sea-Bird Scientific
13431 NE 20th Street
Bellevue, WA 98005
USA

+1 425-643-9866
seabird@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 0768
CALIBRATION DATE: 22-Jul-21

SBE 9plus PRESSURE CALIBRATION DATA
10000 psia S/N 0768

DIGIQUARTZ COEFFICIENTS:

C1 = -4.481307e+004
C2 = -6.537544e-001
C3 = 1.443500e-002
D1 = 3.647800e-002
D2 = 0.000000e+000
T1 = 3.040635e+001
T2 = -4.851470e-004
T3 = 4.277270e-006
T4 = 2.826110e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28544e-002
AD590B = -8.44356e+000
Slope = 0.99990
Offset = -1.3816 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.588	32904.30	25.6	16.598	14.594	0.006
2001.650	33624.40	25.6	2003.764	2001.557	-0.093
3988.916	34327.30	25.6	3991.358	3988.949	0.033
5976.216	35013.90	25.7	5978.895	5976.284	0.068
7963.476	35685.10	25.7	7966.194	7963.381	-0.095
9951.195	36342.10	25.7	9954.277	9951.261	0.066
7963.467	35685.10	25.7	7966.177	7963.364	-0.103
5976.116	35013.90	25.7	5978.850	5976.239	0.123
3988.849	34327.30	25.7	3991.292	3988.884	0.035
2001.617	33624.40	25.7	2003.665	2001.459	-0.158
14.586	32904.40	25.8	16.705	14.701	0.115

Residual (PSIA) = corrected instrument pressure - reference pressure

