



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

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

SENSOR SERIAL NUMBER: 0712
CALIBRATION DATE: 08-Mar-21

SBE 9plus PRESSURE CALIBRATION DATA
10000 psia S/N 53566

DIGIQUARTZ COEFFICIENTS:

C1 = -5.127137e+004
C2 = -6.250695e-001
C3 = 1.463390e-002
D1 = 3.819700e-002
D2 = 0.000000e+000
T1 = 2.998602e+001
T2 = -4.688386e-004
T3 = 4.060280e-006
T4 = 1.932470e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28080e-002
AD590B = -9.76095e+000
Slope = 1.00003
Offset = -1.2324 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.514	33363.20	21.0	16.588	14.801	0.287
2001.346	34002.20	21.1	2003.144	2001.411	0.065
3988.690	34627.70	21.1	3990.154	3988.475	-0.215
5976.026	35240.40	21.1	5977.424	5975.800	-0.226
7963.523	35841.10	21.1	7965.391	7963.821	0.298
9951.203	36430.10	21.2	9953.006	9951.491	0.288
7963.505	35841.00	21.2	7965.027	7963.458	-0.047
5975.621	35240.30	21.2	5977.035	5975.411	-0.210
3988.581	34627.70	21.2	3990.057	3988.378	-0.203
2001.331	34002.10	21.2	2002.695	2000.962	-0.369
14.511	33363.30	21.2	16.629	14.842	0.331

Residual (PSIA) = corrected instrument pressure - reference pressure

