



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

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

SENSOR SERIAL NUMBER: 91220a
CALIBRATION DATE: 16-Jan-20

SBE 9plus PRESSURE CALIBRATION DATA
10000 psia S/N 91220-A

DIGIQUARTZ COEFFICIENTS:

C1 = -4.396022e+004
C2 = -1.130767e+000
C3 = 1.261120e-002
D1 = 3.507300e-002
D2 = 0.000000e+000
T1 = 2.997068e+001
T2 = -6.253509e-004
T3 = 3.819220e-006
T4 = 2.267250e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28576e-002
AD590B = -8.32583e+000
Slope = 0.99997
Offset = -1.2164 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.341	33385.03	21.7	15.854	14.089	-0.252
2001.080	34129.51	21.7	2003.067	2001.239	0.159
3988.339	34855.90	21.7	3990.462	3988.569	0.230
5975.597	35565.18	21.7	5977.655	5975.698	0.101
7962.873	36258.47	21.7	7964.889	7962.868	-0.005
9950.533	36936.73	21.7	9952.323	9950.238	-0.295
7963.062	36258.53	21.7	7965.066	7963.045	-0.017
5975.668	35565.21	21.7	5977.687	5975.730	0.062
3988.500	34855.96	21.7	3990.570	3988.677	0.177
2001.290	34129.59	21.7	2003.217	2001.389	0.099
14.346	33385.13	21.9	15.850	14.085	-0.261

Residual (PSIA) = corrected instrument pressure - reference pressure

