



CALIBRATION CERTIFICATE

Form No. 710, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206EM
Certificate No: 4831 344 3055

Product: 4831
Serial No: 344
Calibration Date: March 2, 2016

This is to certify that this product has been calibrated using the following instruments:

Fluke CHUB E-4	Serial No. A7C677
Fluke 5615 PRT	Serial No. 802054
Fluke 5615 PRT	Serial No. 849155
Honeywell PPT	Serial No. 44074
Calibration Bath model FNT 321-1-40	

Parameter: Internal Temperature:

Calibration points and readings:

Temperature (°C)	-	-	-	-
Reading (mV)	-	-	-	-

Giving these coefficients

Index	0	1	2	3
TempCoef	2.81484E+01	-3.26090E-02	3.51468E-06	-4.88736E-09

*Note: Temperature calibration not performed.

Parameter: Oxygen:

	O2 Concentration	Air Saturation
Range:	0-500 μM ¹⁾	0 - 120%
Accuracy ¹⁾ :	< $\pm 8\mu\text{M}$ or $\pm 5\%$ (whichever is greater)	$\pm 5\%$
Resolution:	< 1 μM	< 0.4%
Settling Time (63%):	< 25 seconds	

Calibration points and readings²⁾:

	Air Saturated Water	Zero Solution (Na_2SO_3)
Phase reading (°)	3.33900E+01	6.28220E+01
Temperature reading (°C)	1.00700E+01	2.05120E+01
Air Pressure (hPa)	9.84000E+02	

Giving these coefficients

Index	0	1	2	3
PhaseCoef	-3.97745E-01	1.14383E+00	0.00000E+00	0.00000E+00

¹⁾ Valid for 0 to 2000m (6562ft) depth, salinity 33 - 37ppt

²⁾ The calibration is performed in fresh water and the salinity setting is set to: 0

Date:
March 2, 2016

Sign: Jason B Baxter