



# CALIBRATION CERTIFICATE

Form No. 622, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206  
Certificate No: 3830 1802 1329

Product: 3835  
Serial No: 1802  
Calibration Date: March 28, 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. 849155
Fluke 5615 PRT	Serial No. 802054
Honeywell PPT	Serial No. 44074
Calibration Bath model FNT 321-1-40	1

Parameter: Internal Temperature:

Calibration points and readings:

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

Giving these coefficients

Index	0	1	2	3
TempCoef	2.47646E+01	-3.10774E-02	2.90359E-06	-4.25789E-09

\*Note: Temperature calibration NOT performed

Parameter: Oxygen:

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

Calibration points and readings<sup>2)</sup>:

	Air Saturated Water	Zero Solution ( $\text{Na}_2\text{SO}_3$ )
Phase reading (°)	3.29578E+01	6.04202E+01
Temperature reading (°C)	9.97170E+00	2.26894E+01
Air Pressure (hPa)	9.83000E+02	

Giving these coefficients

Index	0	1	2	3
PhaseCoef	-1.01651E+01	1.35773E+00	0.00000E+00	0.00000E+00

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

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

Date:  
March 28, 2016

Signed: Jason B Baxter

Aanderaa Data Instruments

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