



# CALIBRATION CERTIFICATE

Form No. 710, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206EM  
Certificate No: 4831 311 3016

Product: 4831  
Serial No: 311  
Calibration Date: May 19, 2015

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	2.92803E+01	-3.22126E-02	3.73173E-06	-5.08992E-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 (°)	3.27900E+01	6.06270E+01
Temperature reading (°C)	9.99000E+00	2.12160E+01
Air Pressure (hPa)	1.01000E+03	

**Giving these coefficients**

Index	0	1	2	3
PhaseCoef	-1.85417E+00	1.06994E+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:  
May 19, 2015

Sign: Jason B Baxter