

# CALIBRATION CERTIFICATE

Form No. 710, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206EM  
Certificate No: 4831 276 3509

Model: 4831  
Serial No: 276  
Calibration Date: October 27, 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:**

## Temperature coefficients

Index	0	1	2	3
TempCoef	2.68881E+01	-3.11470E-02	3.17064E-06	-4.59576E-09

**Parameter: Oxygen:**

	O2 Concentration	Air Saturation
Range:	0-500 $\mu\text{M}$ <sup>1)</sup>	0 - 120%
Accuracy <sup>1)</sup> :	< $\pm 2\mu\text{M}$ or $\pm 1.5\%$ (whichever is greater)	$\pm 5\%$
Resolution:	< 1 $\mu\text{M}$	< 0.4%
Settling Time (63%):	< 25 seconds	

## SVU coefficients

SVU C0 - C3	2.79235E-03	1.16350E-04	2.36253E-06	2.29787E+02
SVU C4 - C6	-3.75842E-01	-5.60660E+01	4.57187E+00	

## Giving these coefficients

Index	0	1	2	3
Concentration Coef	0.00000E+00	1.03571E+00		
PhaseCoef	0.00000E+00	1.00000E+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:  
October 27, 2016

Sign: Jason B Baxter