



CALIBRATION CERTIFICATE

Form No. 622, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206
Certificate No: 3835 1033 1259

Product: 3835
Serial No: 1033
Calibration Date: July 16, 2014

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 | 2.11038E+01 | -3.05522E-02 | 2.88430E-06 | -4.16734E-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 (°) | 3.06072E+01 | 6.39113E+01 |
| Temperature reading (°C) | 1.01618E+01 | 1.98736E+01 |
| Air Pressure (hPa) | 1.02100E+03 | |

Giving these coefficients

| | | | | |
|-----------|--------------|-------------|-------------|-------------|
| Index | 0 | 1 | 2 | 3 |
| PhaseCoef | -1.04092E+00 | 1.14415E+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:
July 16, 2014

Signed: Jason B Baxter

Aanderaa Data Instruments

1700/1725 Brannum Lane | Yellow Springs, OH 45387 | Tel. +1-937-767-4974 | email: infoUSA@xyleminc.com