



# CALIBRATION CERTIFICATE

a xylem brand

Electronic board: 3623

Electronic board serial: 1145

Reference reading: 834

Product: RCM 9

Serial No: 905

Calibration Date: May 21, 2015

For details; see the individual Calibration Sheets.

The calibration coefficients listed below are valid for sensors with the following serial numbers:

| Sensor                 | Type  | Serial No. | Range               |
|------------------------|-------|------------|---------------------|
| Doppler Current Sensor | 3920  | 503        |                     |
| Temperature Sensor     | 3621  | 1162       |                     |
|                        |       |            | Arctic:             |
|                        |       |            | High:               |
|                        |       |            | Low: -2.83 to 21.76 |
|                        |       |            | Wide:               |
| Conductivity Sensor    | N/A   |            |                     |
| Pressure Sensor        | 3815C | 450        | 0 - 7000kPa         |
| Turbidity Sensor       | 3612  | 793        | 0-20                |
| Oxygen Sensor          | 3835  | 1777       |                     |

Calibration Coefficients:

| Ch. No. | Parameter            | A          | B         | C          | D         | Unit   |
|---------|----------------------|------------|-----------|------------|-----------|--------|
| 1       | Reference            | 0          | 1.00E+00  | 0          |           | -      |
| 2       | Current Speed        | 0          | 2.93E-01  | 0          |           | cm/s   |
| 3       | Current Direction    | 0          | 3.52E-01  | 0          |           | Deg. M |
| 4       | Temperature Range    |            |           |            |           |        |
|         | Arctic               |            |           |            |           | Deg. C |
|         | High                 |            |           |            |           | Deg. C |
|         | Low                  | -2.826E+00 | 2.417E-02 | -2.238E-06 | 2.056E-09 | Deg. C |
|         | Wide                 |            |           |            |           | Deg. C |
|         | Other                |            |           |            |           |        |
| 5       | Conductivity         |            |           |            |           | mS/cm  |
| 6       | Pressure             | -1.695E+02 | 7.085E+00 | 2.715E-05  |           | kPa    |
| 7       | Turbidity            |            |           |            |           | NTU    |
| 8       | Oxygen               | -3.223E+00 | 1.149E+00 |            |           | uM     |
|         | O2 SR10 Scaling Coef | 0          | 0.488281  |            |           |        |

Date:  
May 21, 2015

Sign: Jason B Baxter