

a xylem brand

Electronic board:

3623

Electronic board serial: 898

Reference reading:

371

Product:

RCM 9 IW

Serial No:

728

Calibration Date: March 28, 2016

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	505	
Temperature Sensor	3621	907	
			Arctic:
	0		High:
Parties of the San			Low: -2.74 to 21.70
	3		Wide:
Conductivity Sensor	₩ NA	NA	74
Pressure Sensor	3815C	19	0 - 7000 kPa
Turbidity Sensor	NA NA	NA	
Oxygen Sensor	NA NA	NA	

Calibration Coefficients:

Ch. No.	Parameter	A	В	C	D	Unit
1	Reference	0	1.00E+00	0		//// in the
2	Current Speed	0	2.9330E-01	× 0		cm/s
3	Current Direction	0	3.5160E-01	0		Deg. M
4	Temperature Range					
(News)	Arctic					Deg. C
BRETE SE	High	•				Deg. C
	Low	-2.741E+00	2.403E-02	-2.238E-06	2.056E-09	Deg. C
esteleste	Wide					Deg. C
STATE MAN	Other					
5	Conductivity	NA	NA	NA	NA	mS/cm
6	Pressure	-1.538E+02	6.972E+00	1.481E-04	0.00E+00	kPa
7	Turbidity	NA	NA	NA	NA	NTU
8	Oxygen	-9.790E+00	1.429E+00	0.00E+00	0.00E+00	uM

Date:

March 28, 2016

Sign: Jason B Baxter



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Sensing Foil Batch No:

1707

Certificate No:

3830 998 1328

Product:

3830

Serial No:

998

Calibration Date:

March 28, 2016

This is to certify that this product has been calibrated using the following instruments:

The is to voting that this product has seen car	The to to to thing that this product has over cariorated ashig 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	2.18584E+01	-3.07768E-02	2.88192E-06	-4.14615E-09

^{*}Note: Temperature calibration NOT performed

Parameter: Oxygen:

	O2 Concentration	Air Saturation
Range:	0-500 μM ¹⁾	0 - 120%
Accuracy ¹⁾ :	< ±8µM or ±5%(whichever is greater)	±5%
Resolution:	< 1 μM	< 0.4%
Settling Time (63%):	< 25 seconds	

Calibration points and readings²⁾:

	Air Saturated Water	Zero Solution (Na ₂ SO ₃)
Phase reading (°)	3.21363E+01	5.81616E+01
Temperature reading (°C)	9.98989E+00	2.26736E+01
Air Pressure (hPa)	9.83000E+02	

Giving these coefficients

Index	0	1	2	3
PhaseCoef	-9.79037E+00	1.42912E+00	0.00000E+00	0.00000E+00

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

Date:

Signed: Jason B Baxter

March 28, 2016

Aanderaa Data Instruments

 $^{^{2)}}$ The calibration is performed in fresh water and the salinity setting is set to: 0



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Layout No:

Product: Pressure Sensor 3815C

Serial No:

Range: 0 - 7000 kPa

Calibration Date: March 28, 2016

Calibration

The calibration of each sensor is carried out at the factory and the calibration is valid for all following data handling. The form below is filled in only where necessary, depending upon which type of sensor it concerns.

Pressure	Pressure		fficients (kPa)
Bar	Reading N		
Air	36	Α	-1.538E+02
16	264	В	6.972E+00
33	504	С	1.481E-04
50	741	D	0.000E+00
65	949		<u>'</u>

Date:

March 28, 2016

Signed:

Jason B Baxter

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