



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831F_1005_00193393
Foil batch no: 1848FM

Product: 4831F
Calibration date: 18.02.2022

Serial no: 1005
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| Index | Temperature reference(°C) | [O2] Reference(μM) | Temperature raw data(mV) | Phase reading(°) |
|-------|---------------------------|--------------------|--------------------------|------------------|
| 0 | 30.092 | 1.85 | -56.020 | 61.39 |
| 1 | 20.412 | 1.30 | 256.853 | 62.55 |
| 2 | 10.236 | 1.29 | 583.013 | 63.42 |
| 3 | 0.876 | 1.66 | 857.407 | 64.11 |
| 4 | 0.955 | 20.79 | 855.267 | 61.14 |
| 5 | 1.157 | 38.77 | 849.707 | 58.62 |
| 6 | 1.253 | 58.65 | 847.093 | 56.10 |
| 7 | 1.277 | 100.77 | 846.433 | 51.59 |
| 8 | 1.273 | 138.17 | 846.513 | 48.40 |
| 9 | 1.284 | 207.38 | 846.220 | 43.62 |
| 10 | 1.310 | 306.12 | 845.520 | 38.70 |
| 11 | 1.388 | 396.49 | 843.347 | 35.42 |
| 12 | 1.335 | 496.07 | 844.800 | 32.67 |
| 13 | 10.740 | 15.15 | 567.280 | 60.21 |
| 14 | 10.506 | 31.02 | 574.587 | 57.16 |
| 15 | 10.474 | 46.90 | 575.560 | 54.48 |
| 16 | 10.384 | 78.40 | 578.367 | 50.02 |
| 17 | 10.399 | 114.67 | 577.887 | 45.91 |
| 18 | 10.409 | 159.80 | 577.600 | 42.01 |
| 19 | 10.361 | 239.29 | 579.080 | 36.97 |
| 20 | 10.306 | 318.61 | 580.800 | 33.43 |
| 21 | 10.231 | 401.29 | 583.147 | 30.73 |
| 22 | 20.520 | 12.09 | 253.273 | 59.02 |
| 23 | 20.341 | 25.11 | 259.147 | 55.60 |
| 24 | 20.314 | 38.77 | 260.027 | 52.48 |
| 25 | 20.256 | 63.30 | 261.907 | 47.96 |
| 26 | 20.248 | 90.68 | 262.207 | 43.98 |
| 27 | 20.241 | 132.95 | 262.433 | 39.36 |
| 28 | 20.227 | 192.40 | 262.880 | 34.81 |
| 29 | 20.222 | 256.69 | 263.060 | 31.35 |
| 30 | 20.227 | 321.75 | 262.900 | 28.80 |
| 31 | 30.318 | 10.00 | -63.153 | 57.80 |
| 32 | 30.322 | 20.80 | -63.273 | 54.02 |
| 33 | 30.335 | 32.00 | -63.693 | 50.71 |
| 34 | 30.350 | 54.01 | -64.160 | 45.57 |
| 35 | 30.365 | 74.19 | -64.647 | 41.98 |
| 36 | 30.378 | 108.50 | -65.060 | 37.40 |
| 37 | 30.395 | 158.20 | -65.600 | 32.84 |
| 38 | 30.429 | 210.66 | -66.640 | 29.53 |
| 39 | 30.464 | 265.58 | -67.760 | 27.04 |

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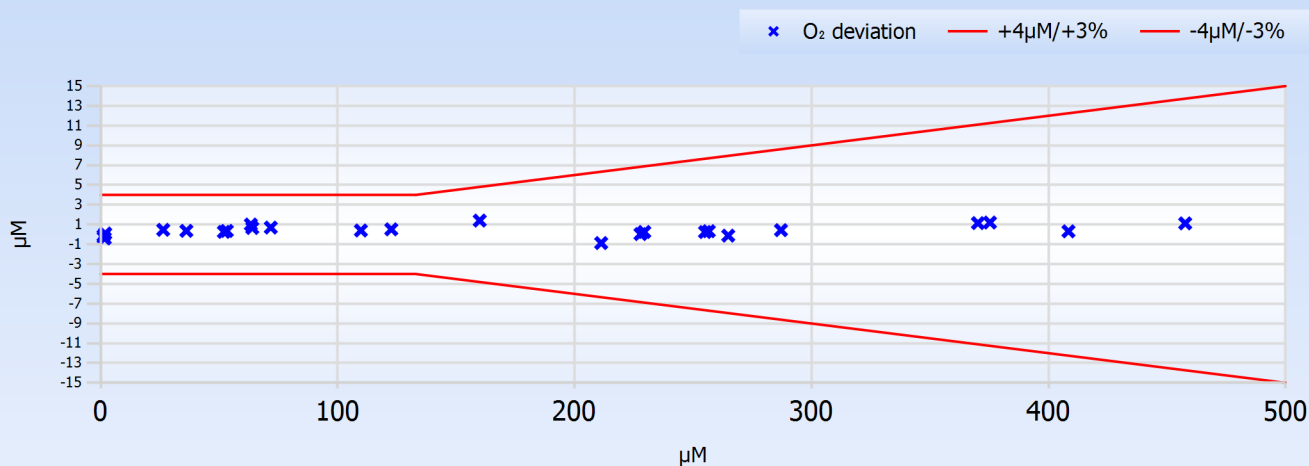
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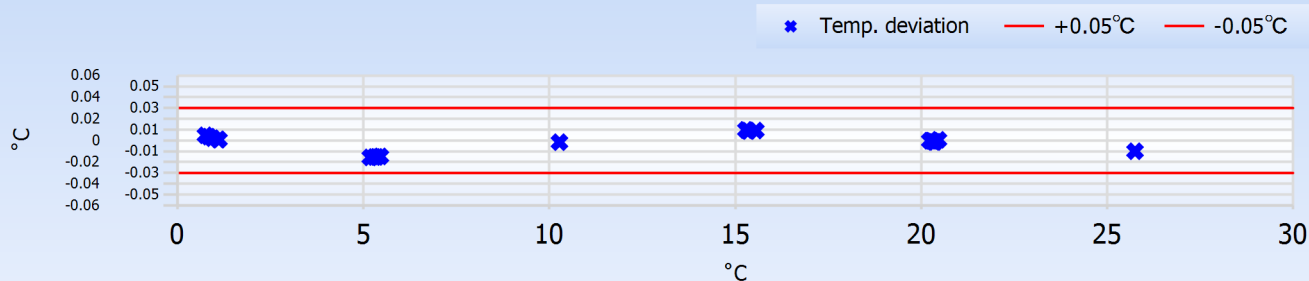
Giving these coefficients

| Index | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------|-------------|--------------|-------------|--------------|--------------|-------------|------------|
| SVUFoilCoef | 3.08461E-03 | 1.24323E-04 | 2.79291E-06 | 2.46651E-02 | -3.40503E-01 | -4.86706E01 | 4.81260E00 |
| TempCoef | 2.83233E01 | -3.13477E-02 | 3.35412E-06 | -4.81003E-09 | 0.00000E00 | 0.00000E00 | |

Oxygen validation



Temperature validation



With following settings

| Index | 0 | 1 | 2 | 3 |
|-----------|-------------|------------|------------|------------|
| PhaseCoef | -2.98000E00 | 1.00000E00 | 0.00000E00 | 0.00000E00 |

| Index | 0 (Offset) | 1 (Slope) |
|----------|------------|------------|
| ConcCoef | 0.00000E00 | 1.00000E00 |
| Salinity | 0.00 | |

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| Firmware Version | 5.3.1 |
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Date: 18.02.2022

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer