



In Water Digital Linear PAR Sensor Calibration

Date: January 28, 2014
Customer: Teledyne Webb Research
Project Number: 2013-7029
Model: PAR LIN 600m
Serial Number: 463

Calibration Coefficients

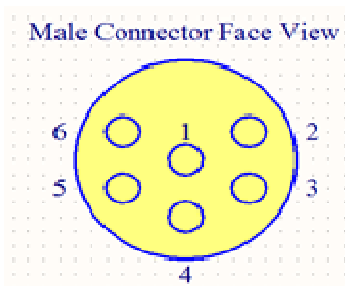
$I_m = 1.3589$
 $a_0 = 2156542724.9$ [count]
 $a_1 = 2.3921739636488e-006$ [$\mu\text{mol photons/m}^2/\text{s/count}$]

Equation: $y = I_m * a_1 (x - a_0)$

where,
PAR is y [$\mu\text{mol photons/m}^2/\text{s}$]
Digital signal is x [count]

Table 1 - Connector Pin Descriptions

Pin	Signal	Description
1	GND	Power Supply Return
2	RX	RS232
3	TX	RS232
4	Power	Power
5	NC	Not Connected
6	NC	Not Connected



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