



In Water Digital Linear PAR Sensor Calibration

Date: June 19, 2015
 Customer: Woods Hole Oceanographic Inst.
 Project Number: 2015-7036
 Model: PAR LIN 600m
 Serial Number: 0566

Calibration Coefficients

$I_m = 1.3589$
 $a_0 = 2156734121$ [count]
 $a_1 = 2.574152E-06$ [$\mu\text{mol photons/m}^2/\text{s/count}$]

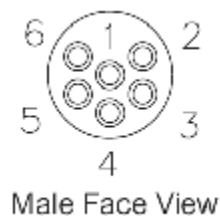
Equation: $y = I_m * a_1 (x - a_0)$

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	RS-232 RX	RS-232 Receive
3	RS-232 TX	RS-232 Transmit
4	+V	Input Voltage
5	NC	Not Connected
6	NC	Not Connected

This is a non-standard pinout.



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