In Water Digital Linear PAR Sensor Calibration

Date:	April 28, 2015
Customer:	University of Washington
Project Number:	2015-7018
Model:	PAR LIN 600m
Serial Number:	0556

Calibration Coefficients

Im = 1.3589
a_0 = 2156752168.8 [count]
a_1 = 2.43051298442E-06 [µmol photons/m^2/s/count]

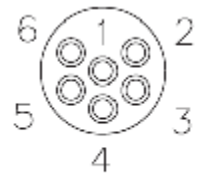
Equation: $y = \mathrm{Im} * a_1 (x - a_0)$

where,
PAR is y [µmol photons/m^2/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.



Male Face View

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