In Water Digital Linear PAR Sensor Calibration

Date: May 12, 2014
Customer: University of Washington
Project Number: 2014-7036
Model: PAR LIN 600m
Serial Number: 0507

Calibration Coefficients

Im = 1.3589
a_0 = 2157017270.0 [count]
a_1 = 2.51157245562e-006 [µmol photons/m^2/s/count]

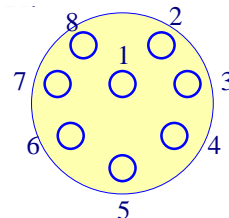
Equation: $y = Im * a_1(x - a_0)$

where,
PAR is y [µmol photons/m^2/s]
Digital signal is x [count]

Table 1 - Connector Pin Descriptions

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

Male Cable Face