In Water Digital Linear PAR Sensor Calibration

Date: September 13, 2011
Customer: University of Washington
Project Number: 2011-384
Model: PAR LIN 600m
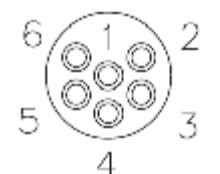Serial Number: 0226

Calibration Coefficients

Im = 1.3589
a_0 = 2156849800.8
a_1 = 2.586852835e-006

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

where,
PAR is y, $[y]$ = µmol photons/m^2/s
Analog signal is x, $[x]$ = V

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	Not Connected	Not Connected
6	Not Connected	Not Connected

Male Face View