In Water Digital Linear PAR Sensor Calibration

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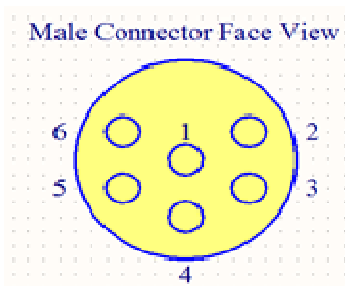Serial Number: 463

Calibration Coefficients

Im = 1.3589
a_0 = 2156542724.9 [count]
a_1 = 2.3921739636488e-006 [µmol photons/m^2/s/count]

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

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	RX	RS232
3	TX	RS232
4	Power	Power
5	NC	Not Connected
6	NC	Not Connected