

Main Memory Volatility Statement

Models: Pyroelectric Sensors

Product Description:

General Purpose Laser Power Sensors

Memory Description:

These sensors contain the following memory devices:

<i>Volatile Memory Description</i>				
<i>Type</i>	<i>Size</i>	<i>User modifiable (Y/N)</i>	<i>Function or Use</i>	<i>Process to Clear / Update</i>
SRAM (MCU)	20Kbit	N	MCU running process	Meter turned off

<i>Non-Volatile Memory Description</i>				
<i>Type</i>	<i>Size</i>	<i>User modifiable (Y/N)</i>	<i>Function or Use</i>	<i>Process to Clear / Update</i>
Flash (MCU)	128Kbit	Upgrade	MCU main software	Ophir service centers
EEPROM	4Kbit	N	Sensor parameters, Calibration constant	Ophir service centers
EEPROM	16Kbit	N	Sensor parameters, Calibration constant	Ophir service centers

General:

Sensor calibration constants are stored in smart plug board. The calibration constants are generated when the sensor is sent through its calibration process in the factory, and are fundamental to the sensor operation.

Calibration restore to default factory settings or clear can be done only in recognize Ophir Calibration Centers.

Note: The standard sensors contain a D15 plug for power meter connection. The measuring of the sensors displayed on a standard Ophir meter or PC interface.

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