

Main Memory Volatility Statement

Models: Pulsar

Product Description:

General Purpose Laser Power and Energy Meter

Memory Description:

This meter contains 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	4Mbit	N	Main software run-time process and variables	Meter turned off
RAM (MCU)	16Kbit	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>
EEPROM	16Kbit	Upgrade	Start-up settings, device parameters, Calibration constant	Ophir service centers

General:

Meter calibration constants are stored in EEPROM in Pulsar meter. The calibration constants are generated when the meter is sent through its calibration process in the factory, and are fundamental to the meter operation.

Note: The meter contains a D15 connector to which a range of custom sensors can be attached. Calibration data for any such sensor is separate from the meter and is stored inside the sensor itself, not inside the meter.

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