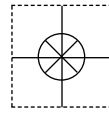


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## **OM-PR SERIES** **Pressure/Temperature** **Data Loggers**



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## OM-PR Series Pressure Temperature Logger



The Pressure Temperature Logger is a sealed (IP67) Data Logger used for measuring air or liquid pressure and ambient temperature. The unit is self contained in a small 316L stainless steel enclosure with a threaded ¼" NPT port to connect to a pressure source. The Logger can operate unattended for months or years. Recording parameters can be set in the Windows® PC Software. The unit can be set to record on instantly, at preset times, or on alarm conditions. Up to 64,000 readings can be saved in non-volatile memory at intervals from 2 seconds to 24 hours. Internally there is a USB port for direct connection to a laptop or PC, and a button and LED for user interaction as described below.

**Installation:** The logger screws into a ¼" NPT port. Use suitable tape or thread sealant/dope on the threads before inserting the logger into the port. Use an adjustable wrench on the nut to tighten the device into the port and test for leaks.

**Access:** To access the internals of the unit it is necessary to unscrew the lid (counterclockwise). This exposes the control panel shown below. The function of the parts is as follows:

**Push Button/LED functionality:** The push button can be used to check status or to change the state of the data logger. For instance, it can be used to start and stop recording, if desired. This feature can also be disabled to ensure the data logger state remains unchanged until connected to a PC.

### **TO CHECK STATUS**

Short press and release: LED will flash in various patterns to indicate data logger status:

The flash sequence is: Battery status > Record status > Alarm status

One long red flash at the beginning of the flash sequence indicates low battery. (no red flash = battery ok)

One long red flash at the end of the flash sequence indicates an alarm. (no red flash = no alarm)

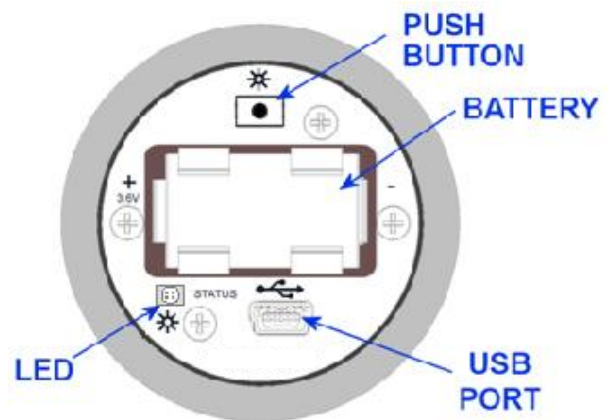
Slow red/green blink: Connect to PC. Unit is NOT set up or memory is full.

### **TO CHANGE STATE**

Press and hold button, release when LED turns steady green: Changes record state on/off

Press and hold button, release when LED turns steady red: Reset alarm indication

Press and hold button, release after LED goes off: No change







## WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

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The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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