

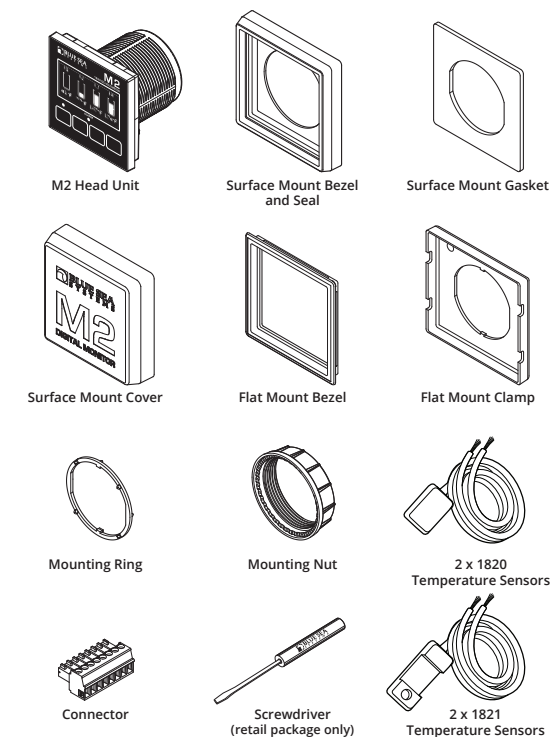


M2 OLED Digital Monitor

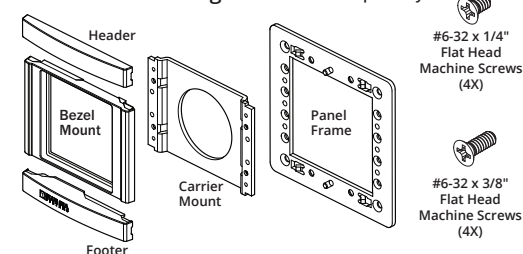
QuickStart Installation Guide

1841 Temperature Monitor

Components Included



360 Panel Mounting Kit PN 1525 sold separately



blueseasystems.com/products/1841

Connector Pin Assignment

Connector Pin Assignment Table

USB	Micro USB Port
8 Pin Connector*	Function
1 Required Connection	DC Negative
2 Required Connection	DC Supply
3	Relay DC Output
4	Relay DC Supply
5	Temperature 1
6	Temperature 2
7	Temperature 3
8	Temperature 4

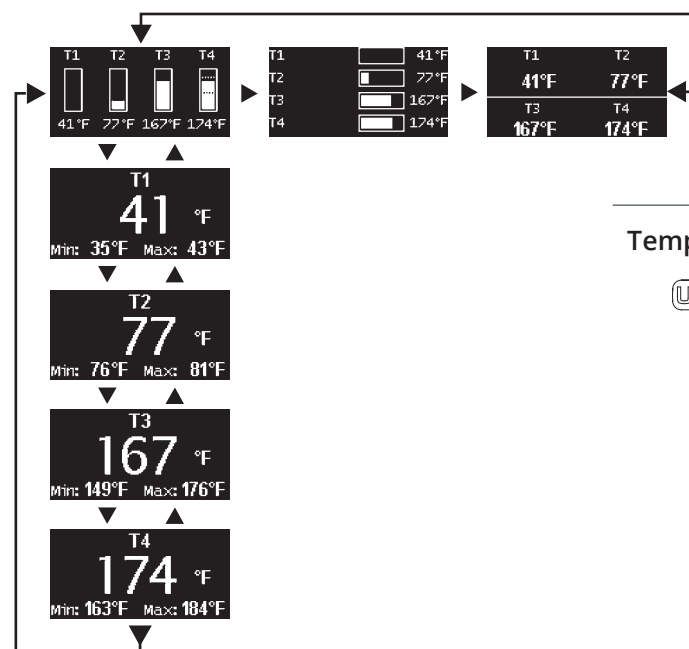
*The 8 pin low voltage connector supports wire sizes from 16-26 AWG

M2 Meter Navigation

Screen Menu Functions

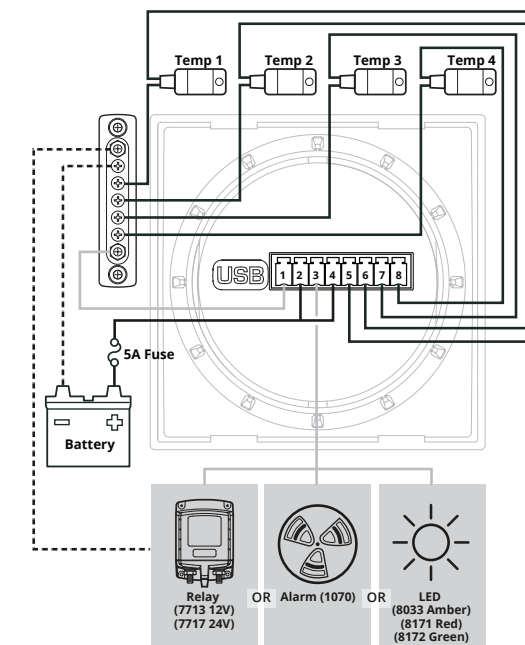
Press any button to bring up the menu.

1. After start-up, press any button to access the menu.
2. Press the UP or DOWN arrow buttons to scroll through menu windows.
3. To set alarms and for more detailed information, see the online manual at blueseasystems.com/products/1841



System Overview

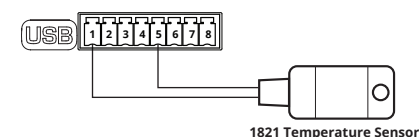
1841 Temperature Monitor Connections



For the online manual that includes other configurations, go to blueseasystems.com/products/1841

Note: The negative feed of all of the temperature sensors should terminate as close as possible to pin 1. Use Blue Sea Systems' PN 2304 Mini Bus with a short 18 AWG gauge wire from pin 1 to the Mini Bus.

Temperature Sensor Connections 1821



Installation Steps

1. Choose meter mounting style and location.
2. Prepare mounting hole using cutout templates
3. Using wiring diagram and pinout chart make all connections to the meter Connector. Do not put fuses into fuse holders at this time.
4. Plug wired terminal block into the meter.
5. Insert 5A fuse into DC Supply wire to power meter.

Basic Meter Setup

1. No setup is required for basic operation.
2. For information regarding advanced setup options, see the full instructions on our website. blueseasystems.com/products/1841



Click here for more information at blueseasystems.com/products/1841

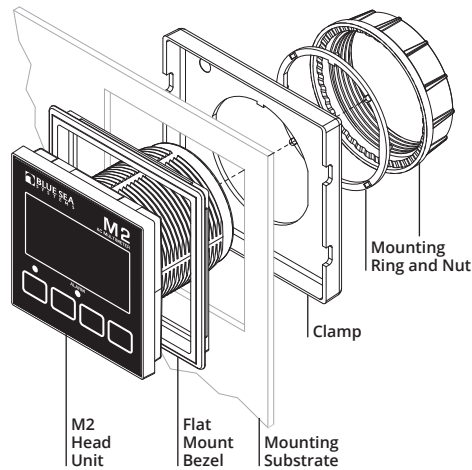


980023490 Rev.002

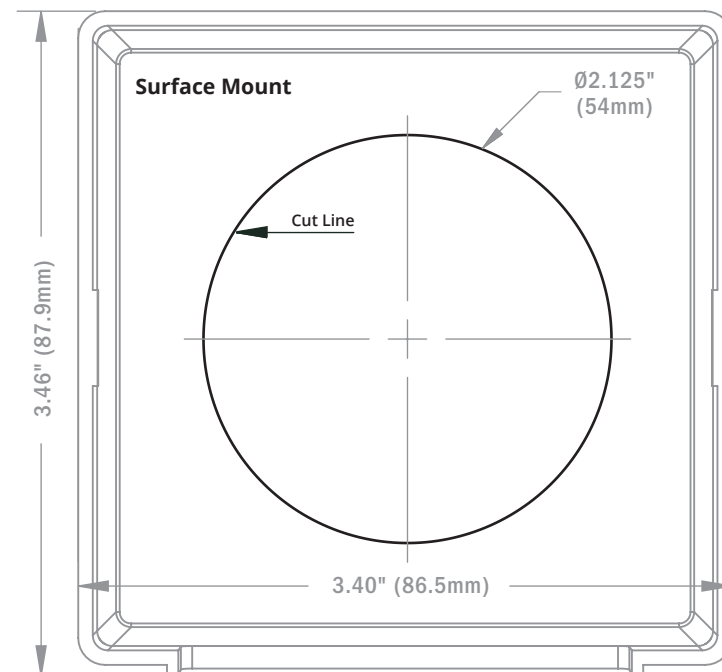
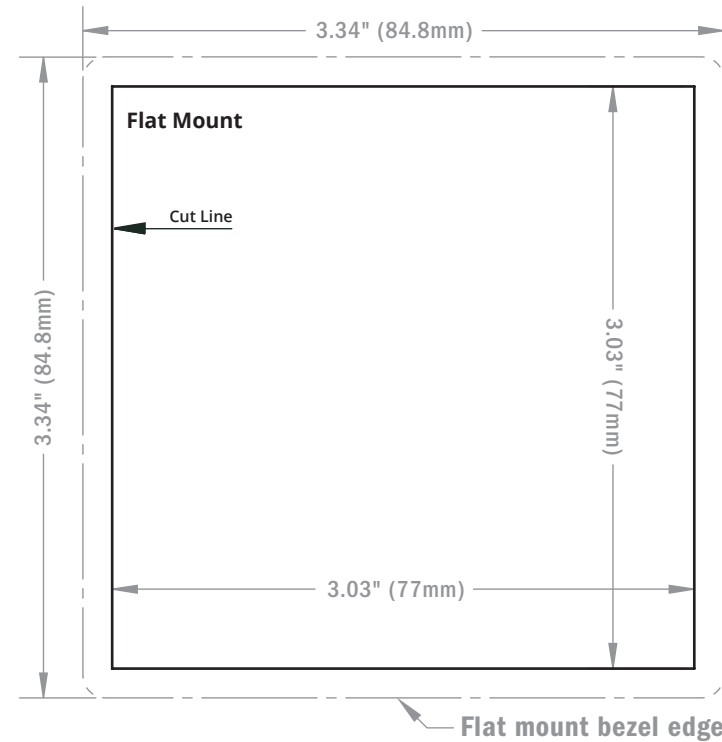
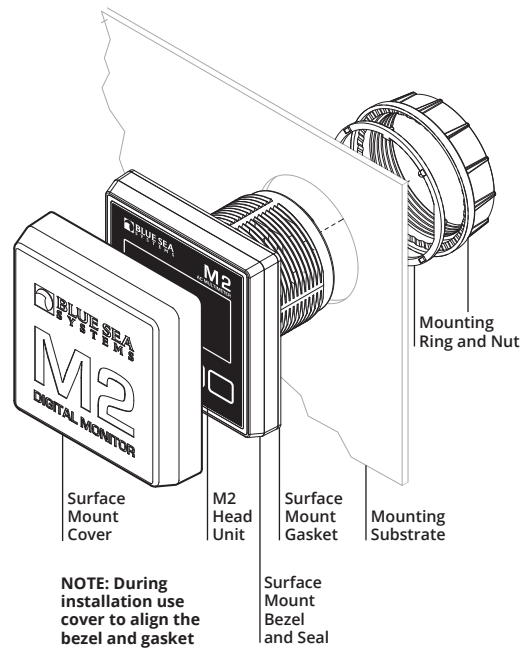
Mounting Options

Mounting Templates

Flat Mount



Surface Mount



⚠ WARNING

The WARNING symbol refers to possible injury to the user or significant damage to the monitor if the user does not follow the procedures.

⚠ CAUTION

The CAUTION symbol refers to restrictions and rules with regard to preventing damage.

⚠ WARNING ⚠

- ☑ If you are not knowledgeable about electrical systems, have an electrical professional install this unit. The diagrams in these instructions pertain to the installation of the unit and not to the overall wiring of the vessel.
- ☑ Verify that no other DC or AC sources are connected to the vessel's wiring before installing the unit.

⚠ CAUTION ⚠

- ☑ The back of the unit is not waterproof. Do not install where the back of the monitor is exposed to water.

Warranty

The M2 OLED Digital Meters come with a 5 year manufacturer's warranty. This means the meter is warranted to be free from defects in materials or workmanship for 5 years from the date of first purchase. The warranty is limited solely to the cost of repair or replacement of the M2 Meter product. Costs associated with labor or shipping of the defective parts are not covered. Blue Sea Systems cannot accept liability for damage due to the misuse of the M2 Meter.