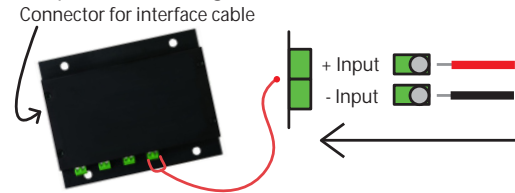


Wiring the Data Logger

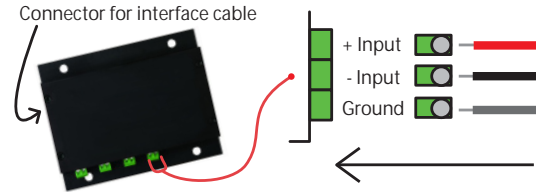
QuadVolt and OctVolt Single Ended Wiring

Four, two-position removable screw terminal connections; accepts 2-wire configurations.



QuadVolt and OctVolt Differential Wiring

Eight, two-position removable screw terminal connections; accepts 2-wire configurations.



Warning: Note the polarity instructions. Do not attach wires to the wrong terminals.

Product Notes

Engineering Units

Engineering units are used to convert one measurement reading to another. The MadgeTech software allows for software level Engineering Units (conversion applied to data after download). Certain devices have device level Engineering Units, which upon download automatically appear in the chosen unit of measure.

Device Operation

Starting the data logger

- Click Device Menu then Start Device .
- Choose the desired start method.
- Choose the start parameters by selecting a Reading Rate suitable for your application.
- Enter in any other desired parameters and click Start .
- A box will appear stating the data logger has been started. Click OK .



- Disconnect the data logger from the interface cable and place it in the environment to measure.

Note: The device will stop recording data when the end of memory is reached or the device is stopped. At this point the device cannot be restarted until it has been re-armed by the computer.

Downloading data from a data logger

- Connect the data logger to the interface cable.
- Click the Device Menu then Read Device Data . This will load all recorded data onto the PC.

Installation Guide

Installing the Interface cable

- IFC200, IFC202 or IFC300
Refer to the "Quick Start Guide" included in the package.
- IFC110, IFC102 or IFC103
Plug the serial cable into the port and verify it is secure.
- USB-1 or USB-101
Install the USB drivers from the CD provided in the kit, then plug the USB cable into the computer and the serial cable into the serial port.

Installing the software

Insert the Software CD in the CD-ROM Drive. If the autorun does not appear, locate the drive on the computer and double click on Autorun.exe . Follow the instructions provided in the Wizard.

Connecting the data logger

- Once the software is installed and running, plug the interface cable into the data logger.
- Click the Communication Menu , then Auto Configure Port .
- After a moment, a box similar to the following will appear;



- Click OK . The Device Status box will appear. Click OK .
- At this point, communications have been configured for your logger. These settings can be found under the Communication Menu .

Note: For additional installation instructions refer to your "Data Logger & Software Operating Manual".

Technical Support

Call 310.478.1134

Technical support is also available by e-mailing
Lwolfe@ptc1.com