Telaire® Carbon Dioxide and Temperature Monitor Connection Instructions
for use with HOBO® H22 and U30 Series Data Loggers

Applies to this Telaire CO$_2$ and Temperature Monitor:

Onset Part No.	Outputs	Telaire Part No.
TEL-7001	0-4V representing 0 to 4000 ppm CO$_2$ 0-4V representing 0 to +40°C or +32 to +104°F	7001

This document provides instructions on connecting the Telaire CO$_2$ and Temperature Monitor listed above to either the FlexSmart™ Analog Module used with HOBO H22 series data loggers or to the Analog Sensor Port option used with HOBO U30 series loggers. It also lists configuration values used by HOBOware® Pro software to configure the logger for the monitor. **Note:** For information on powering the monitor for long-term applications, and other monitor details, refer to the documentation provided by GE Sensing.
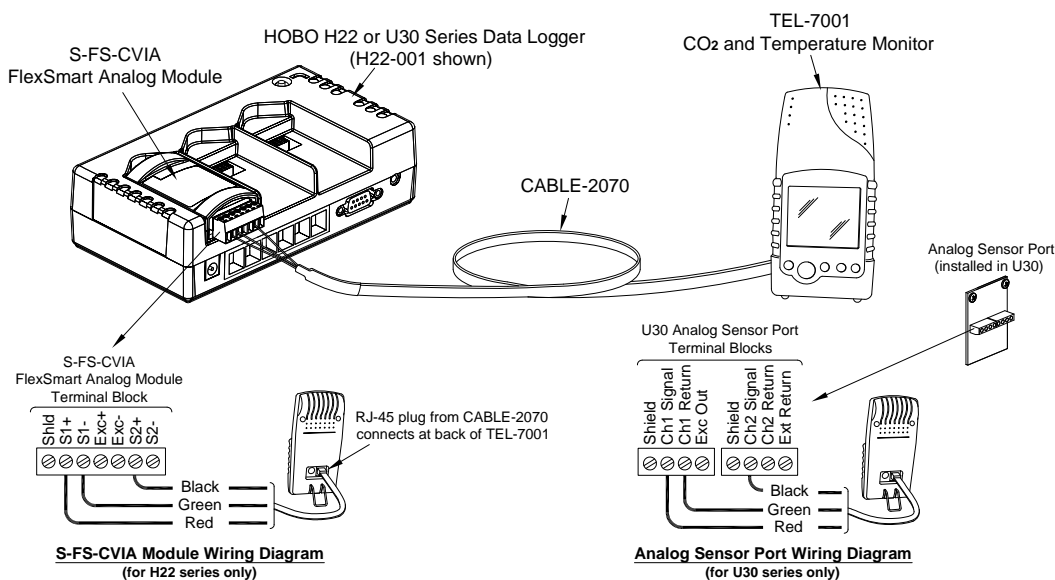

Telaire CO$_2$ and Temperature Monitor

Required:
- Telaire CO$_2$ and Temperature Monitor listed above
- Telaire Cable, Onset Part No: CABLE-2070
- HOBO H22 or U30 Series Data Logger
- FlexSmart Analog Module, Onset Part No: S-FS-CVIA (for H22 series) or Analog Sensor Port option (for U30 series)
- HOBOware Pro Software, version 2.2.1 or higher (2.4.0 or higher for U30 series)

Connecting the CO$_2$ and Temperature Monitor to the Analog Module or Port:

Configuring the Data Logger for the CO$_2$ and Temperature Monitor, using HOBOware Pro Software:

Note: HOBOware Pro software provides a configuration file for the monitor. The tables below list the recommended configuration values for the monitor that this file contains. For information on loading configuration files, refer to the software documentation.

Channel 1							
Channel Name	**Measurement Type**	**Raw Value 1**	**Raw Value 2**	**Raw Units**	**Scaled Value 1**	**Scaled Value 2**	**Scaled Units**
CO2	Voltage	0	4	V	0	4000	PPM

Channel 2							
Channel Name	**Measurement Type**	**Raw Value 1**	**Raw Value 2**	**Raw Units**	**Scaled Value 1**	**Scaled Value 2**	**Scaled Units**
Temperature	Voltage	0	4	V	0 32	40 104	C F

Supplied in Australia by Instrument Choice
Call our scientists on 1300 737 871
www.instrumentchoice.com.au

Service and Support

HOBO products are easy to use and reliable. In the unlikely event that you have a problem with this instrument, contact the company where you bought the logger: Onset or an Onset Authorized Dealer. Before calling, you can evaluate and often solve the problem if you write down the events that led to the problem (are you doing anything differently?) and if you visit the Technical Support section of the Onset web site at www.onsetcomp.com/support.html. When contacting Onset, ask for technical support and be prepared to provide the product number and serial number for the logger and software version in question. Also completely describe the problem or question. The more information you provide, the faster and more accurately we will be able to respond.

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Fax: 508‑759‑9100
E‑mail: loggerhelp@onsetcomp.com
Internet: www.onsetcomp.com

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Returns

Please direct all warranty claims and repair requests to place of purchase.

Before returning a failed unit directly to Onset, you must obtain a Return Merchandise Authorization (RMA) number from Onset. You must provide proof that you purchased the Onset product(s) directly from Onset (purchase order number or Onset invoice number). Onset will issue an RMA number that is valid for 30 days. You must ship the product(s), properly packaged against further damage, to Onset (at your expense) with the RMA number marked clearly on the outside of the package. Onset is not responsible for any package that is returned without a valid RMA number or for the loss of the package by any shipping company. Loggers must be clean before they are sent back to Onset or they may be returned to you.

Repair Policy

Products that are returned after the warranty period or are damaged by the customer as specified in the warranty provisions can be returned to Onset with a valid RMA number for evaluation.