SC-CPI
Datalogger-to-CPI Interface

Data Logger to CDM Bridge

Synchronized high-speed measurements

Overview

The SC-CPI is an interface between the serial port of later-model Campbell Scientific dataloggers (CR800/850, CR1000, and CR3000) and our new Campbell distributed modules (CDMs). The CDMs use the new CAN peripheral interface (CPI), and the SC-CPI allows the dataloggers listed above to connect to the CDM's CPI port. Future dataloggers will have CPI connections and will not need a bridge, but with the SC-CPI our current line of dataloggers will be able to take advantage of our CDM technology.

Benefits and Features

- Enables a CR800, CR850 CR1000, or CR3000 to be part of a CPI/CDM network
- Provides detailed CPI communication diagnostics
- Supports monitoring of the serial or CPI load
- Indicates if CPI frame errors occur
- Provides information about each CPI module that it detects in its network

Specifications

Temperature Range	-25° to +50°C (standard) -55° to +85°C (extended)
Current Drain	50 mA (active)
Dimensions	15.94 x 7.49 x 3.18 cm (6.28 x 2.95 x 1.25 in.) including ground lug
Weight	0.188 kg (0.415 lb)

Connectors

CPI	RJ45
Serial Connect to Data Logger	Screw terminal
Computer Configuration via	USB
Device Configuration Utility	

For comprehensive details, visit: www.campbellsci.eu/sc-cpi

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