


PRESS RELEASE

April 23, 2007 – Munich, Germany
Thermocouple Scanner – 4 Channel
P/N: TC4


The Thermocouple Scanner Module is a component in modern engine control systems. The Thermocouple Scanner Module monitors up to 4 channels of Type J or K thermocouples. The temperature information is provided to the engine controller over a SAE J1939 CAN bus. Temperature information can include exhaust temperature, winding temperature, and fluid temperature monitoring. All channels are fully isolated and measure temperatures at the same time. Temperature data is automatically sent over the CAN bus when power is applied. During set-up, using an Axiomatic USB-CAN converter and a PC, the operator can configure the controller via the Axiomatic Electronic Assistant (P/N: AX070500) to suit a wide variety of applications. Integral diagnostics can flag open wire fault detection. CAN communications are via an isolated CAN interface with SAE J1939 protocol. A RS-232 interface allows for quick user adjustments using Windows HyperTerminal or other similar terminal software. Settings are automatically saved to non-volatile memory.



Applications: Applications include power generator sets.



The **Axiomatic Electronic Assistant (EA)** is a software configuration tool that runs on a PC connected to a J1939 bus via an Axiomatic **USB to CAN converter**, P/N: AX070501. With connection to the bus, the EA finds all the devices on the bus, and recognizes the Axiomatic controls. Using this tool, a user can quickly configure an Axiomatic control for its desired performance over a wide variety of applications. An Axiomatic **CAN scope** is also offered to monitor CAN messages in a text format. The CAN scope is a useful PC-based debugging tool for J1939 or CANopen networked devices.



AX070501, USB-CAN
(with Software Development Kit)

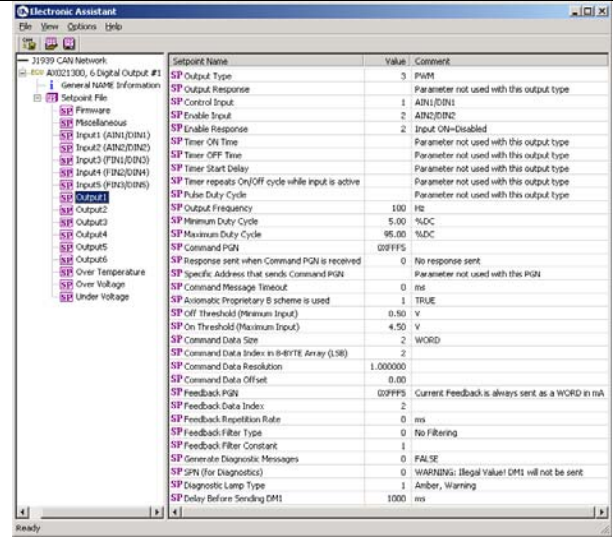


Figure 1.0 Windows-based configuration screen from the Electronic Assistant

Axiomatic operates in Mississauga (Toronto), Canada as well as Munich, Germany and Tampere, Finland. As an integrated ISO9001: 2000 engineering design and manufacturing firm, our mission is to provide efficient, innovative electronic machine controls, power components and systems for mobile, marine, mining, military, utility and industrial equipment OEM's. Our rugged components are backed with a guarantee of excellent customer service. **Visit us at BAUMA 2007, Hall A3 Stand 649/752, in Munich, Germany, April 2007.**

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