


PRESS RELEASE

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Axiomatic Technologies announces the release of a new 10 analog input module (p/n AX030100) with CAN (SAE J1939) or CANopen.


The 10 Analog Input Module measures up to 10 analog inputs (0-5V, 0-20 mA or 4-20 mA) for connection to a variety of analog machine sensors or levers and communicates the data to a CAN network. The user can also select multiple PWM inputs or frequency, counter or an active high digital input. The module can also be connected to several CAN devices as well as communicate with a Human Machine Interface (HMI). The sophisticated DSP microprocessor can accommodate complex control algorithms for advanced machine control applications. Standard embedded software is provided. Settings are

user configurable by means of a *Windows*-based Electronic Assistant™  configuration tool interfacing to the controller via an USB-CAN device. The AX030100's rugged IP67 rated packaging in addition to a wide-ranging power supply input section of 8 to 96VDC suits applications in the harsh environment of mobile equipment with on-board battery power.



Axiomatic AX030100

Features:

- 10 user selectable inputs (0-5V, 0-20 mA, 4-20 mA, PWM, frequency or counter, digital)
- 12V, 24V, 42V, 48V, 72VDC (nominal) power input accepted
- Standard control logic
- 1 CAN port (SAE J1939)
- CANopen version available (P/N: AX030101)
- Hardware is available as a platform for application-specific software or setpoints
- **Electronic Assistant™**  runs on a *Windows* operating system for user configuration, saving and writing settings to additional controllers during set-up. An Axiomatic USB-CAN converter links the PC to the CAN bus.
- Rugged IP67 packaging and watertight connectors, suitable for use in harsh environments

Applications: Off-highway construction equipment, forestry, mining and military vehicles, power generation, standby generators, material-handling equipment etc.

Axiomatic operates in Mississauga (Toronto), Canada as well as Munich, Germany, and Lempäälä, 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 IFPE 2008, Booth# S-15741, IFPE 2008, March 11-15, 2008, Las Vegas, USA

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