

**Add legacy controls cost effectively to your CAN network with the new Axiomatic controllers, CAN - 4 Analog Signal and CAN - 1 Analog Signal. Read analog sensors with the 1 Universal Signal Input – CAN control.**

Axiomatic announces the release of a new SAE J1939 or CANopen® I/O control with 4 analog signal outputs, part number AX030500 and AX030501 respectively. These controllers are part of a growing line of low cost and compact rugged distributed I/O controls packaged for harsh operating environments. Other new models include a CAN to 1 Analog Signal Output I/O Control, p/n AX030520, and a 1 Universal Signal Input to CAN I/O Module, p/n AX030530.

SINGLE CHANNEL I/O (CAN Input, 1 Output)



Models: CAN bus to Analog Signal Output or Universal Signal Input to CAN bus

MULTIPLE CHANNEL (1 Input, 4 Outputs)



SAE J1939 or CANopen® Input 4 Analog Signal Outputs

**Applications:**

- Distributed controls for power generation, co-generation, stationary power
- Distributed controls for commercial vehicles, off-highway equipment, industrial equipment, etc.

**Features:**

- Model AX030520:** 1 Voltage or Current Output
- User selectable output range from +/-10V or +/-20 mA, including: 0-5V; 0-10V; +/-5V; +/-10V; 0-20mA; 4-20 mA; and +/-20mA.
- Model AX030530:** 1 Universal Analog Signal Input (Voltage, Current, Resistive, Digital, Frequency or PWM)
- User selectable input range from: 0-1V; 0-2.5V; 0-5V; 0-10V; 0-20mA; 4-20 mA; 20 Ohms to 250 kOhms; 10Hz – 1 kHz; or 100 Hz – 10 kHz.
  - 12V/24V/48VDC input power (nominal) with rugged surge protection
  - Galvanic isolation between power supply and analog signal output
  - 1 SAE J1939 port
  - Rugged IP67 packaging and connectors
  - Programmable with PC-based Axiomatic Electronic Assistant®

**Features - Models AX030500, AX030501:**

- 4 independent analog signal outputs (voltage or current)
- User selectable output range from +/-10V or +/-20 mA, including: 0-5V; 0-10V; +/-5V; +/-10V; 0-20mA; 4-20 mA; and +/-20mA.
- 12V/24V/48VDC input power (nominal) with rugged surge protection
- Galvanic isolation between power supply and analog signal outputs
- 1 SAE J1939 or CANopen® port
- Rugged IP67 packaging and connectors
- Deutsch IPD EEC housing
- Programmable with PC-based Axiomatic Electronic Assistant® (SAE J1939 model only)

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**Come and visit us at BAUMA in Munich, Germany on April 19-25, 2010 at Stand A3.569/666!**

Notes: CANopen® is a registered community trade mark of CAN in Automation e.V.  
 Electronic Assistant® is a registered trademark of Axiomatic Technologies Corporation.