

PRESS RELEASE

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Axiomatic releases a compact and rugged single voltage, current, and PWM output controller with CAN SAE J1939 interface.

The AX130760 CAN to Single Output Controller has a powerful microcontroller and versatile control algorithms. Its independent function blocks allow the user to configure it for a wide range of applications without the need for custom firmware. All parameters and function blocks are user configurable through the *Axiomatic Electronic Assistant*.

It features one user configurable Current, Voltage, and PWM output type. Communication is over an SAE J1939 compliant CAN bus. It can operate at standard 250 kbit/s and 500 kbit/s and non-standard 667 kbit/s and 1 Mbit/s baud rates. The required baud-rate is detected automatically upon connection to the J1939 network.

This new controller can operate with battery power supply of 9 V to 36 V and is protected against reverse polarity, surge and transient, undervoltage, and overvoltage. It works in temperatures from -40 to 85°C (-40 to 185°F). Its compact enclosure is rated IP67 against dust and water ingress.

Because of its rugged enclosure and robust control algorithms, AX130760 may be used in distributed control applications in:

- Commercial vehicles
- Off-highway equipment
- Industrial equipment
- Oil and gas equipment
- Agricultural equipment



For more details, please visit:

<https://products.axiomatic.com/item/i-o-controls/can-to-1-signal-output-converters-compact/ax130760>



The AX130760 is an addition to Axiomatic's range of versatile I/O controllers, some of which can operate in harsh conditions and provide Current, Voltage, Frequency, Resistive, and Digital inputs and outputs. Some of these controllers are listed below.

- AX031700, 1 Signal Input (Voltage/Current/PWM) to CAN Converter, SAE J1939
- AX130750, CAN to 2 Analog/Digital Signals, 1 Relay Output Converter, SAE J1939
- AX130700AB, SAE J1939 CAN to PWM Signal Converter

You can browse through our complete catalog of valve controllers at:

<https://products.axiomatic.com/category/i-o-controls>

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