PRESS RELEASE

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Axiomatic releases an IP67-rated rugged and compact controller with 4 universal outputs and CAN SAE J1939 interface.

The AX030560 CAN to 4 Universal Outputs Controller is a versatile and compact SAE J1939 controller. It offers a variety of output types: analog current, analog voltage, digital PWM, digital frequency, and digital On/Off.

The control algorithms and function blocks allow the user to configure the controller for a wide range of applications without the need for custom firmware using the *Axiomatic Electronic Assistant*.

The controller communicates 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. It detects the required baud-rate automatically upon connection to the J1939 network.

The AX030560 accepts power supply voltages from 9 to 60 VDC. It is protected against reverse polarity, surge, undervoltage, and overvoltage faults. It can work in temperatures from -40 to 85°C (-40 to 185°F). It is ultrasonically welded enclosure is rated IP67 against dust and water ingress.

The controller may be used in distributed control applications in:

- Power generator sets
- Off-highway equipment
- Oil and gas equipment

For more details, please visit:
https://products.axiomatic.com/item/i-o-controls/4-analog-signal-output-controllers-sae-j1939-or-ca/ax030560

The AX030560 adds to Axiomatic's wide range of rugged CAN I/O controllers which provide

Current, Voltage, Frequency, Resistive, and/or Digital inputs and outputs. Some of these controllers are listed below.

- AX030540, 4 Analog Signal Outputs, J1939
- AX030520, 1 Analog Signal Output Controller, SAE J1939
- AX130750, CAN to 2 Analog/Digital Signals, 1 Relay Output Converter, SAE J1939
- AX130760, V/I/PWM Signal Output, CAN Controller, SAE J1939

You can browse through our complete catalog of valve controllers at:
https://products.axiomatic.com/category/i-o-controls

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