

PRESS RELEASE

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Axiomatic is showcasing at BAUMA 2025 a new valve controller. The 4 Signal Inputs to 8 Proportional Outputs Controller drives actuators and valves and is powered by 48VDC batteries. It has 2 SAE J1939 ports and features Wake-on-CAN for power saving.

The AX020800 valve controller accepts 4 Universal Command Signal Inputs as Voltage (0-2.5, 0-10V), Current (0-20, 4-20mA), Resistive (up to 250kΩ), Frequency/PWM (up to 10kHz), or Digital types from sensors, joysticks, switches or pushbuttons.

The device interfaces with 2 SAE J1939 CAN networks using auto-baud-rate detection and utilizes a Wake-on-CAN function to save on power.

Interfacing with machine battery power, it operates from 8 to 65VDC (12, 24, or 48V nominal).

The AX020800 provides 8 proportional outputs (up to 3A) to drive actuators, hydraulic valves or motors.

The Valve Controller is applied on off-highway machines in distributed valve control CAN networked work functions.

It is designed for harsh environments with an IP67 rating. It operates from -40 to 85°C (-40 to 185°F).

Configuration is via the Axiomatic Electronic Assistant.

Contact: Amanda Wilkins, CMO
TEL: +1 905 602 9270 x224
amanda.wilkins@axiomatic.com



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