PRESS RELEASE

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Axiomatic releases a new four channel strain gauge CAN controller suited for use in harsh environments.

The 4 Channel Strain Gauge CAN controller has a power supply input of 12Vdc or 24Vdc nominal and accepts up to four 4-wire strain gauge connections. The input range is user selectable from +/- 19.5 mV to +/- 2.5 Vdc. It interfaces with the machine's CAN network (SAE J1939). The measurement rate is 2.5 scans per second and the update rate is 400 ms for all 4 channels. Standard embedded software is provided. Its rugged IP67 rated packaging allows for applications in the harsh environment of mobile equipment with on-board battery power. Other applications include construction equipment, lift equipment, and cranes. All setpoints are user configurable using the Electronic Assistant.

Protections include surge protection, reverse polarity protection, and over and under-voltage protection. It operates from -40 to 85 °C (-40 to 185 °F).

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