

PRESS RELEASE

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**Axiomatic releases new CAN controllers with 4 magnetic pickup inputs, designed for on-highway and off-highway applications.**

The 4 Magnetic Pickup Inputs CAN Converters are designed to measure four magnetic speed sensor frequency signals and provide the measurement results to an SAE J1939 or CANopen® CAN network to communicate with your machine. [AX031510](#) and [AX031511](#) are suited for applications such as on-highway trucks and off-highway equipment.

The CAN controllers are pre-programmed with standard logic and feature all functional blocks independent from one another with the ability to be programmed to interact in numerous ways. [AX031510](#) is configurable via the Axiomatic Electronic Assistant, P/N: [AX070506K](#). [AX031511](#) is configurable using the provided EDS file with standard CANopen® interface tools.



[AX031510 — 4 Magnetic Pickup Inputs CAN Converter, SAE J1939](#)

The Magnetic Pickup Inputs CAN Controllers operate on a power supply voltage of 12, 24, or 48 VDC nominal (6 to 60 VDC) and accept four magnetic pickup inputs with a frequency range of 1 Hz to 10 kHz and an amplitude of 0.1 VAC to 100 VAC (RMS). [AX031510](#) features one SAE J1939 CAN port and supports auto-baud-rate detection, while [AX031511](#) features one CANopen® CAN port. The units are enclosed in a compact, plastic, ultrasonically welded housing and are rated IP67 for resistance against dust and water exposure.

For more details, please visit the [AX031510](#) and [AX031511](#) webpages.



[AX031511 — 4 Magnetic Pickup Inputs CAN Converter, CANopen®](#)

The 4 Magnetic Pickup Inputs CAN Converters are the newest additions to the Axiomatic [Magnetic Pickup Inputs to CAN Converters](#) line-up.

- [AX031500A](#) — Magnetic Pickup Input to CAN Converter, SAE J1939
- [AX031501](#) — Magnetic Pickup Input to CAN Converter, CANopen®

You can browse through our catalog of [Magnetic Pickup Inputs to CAN Converters](#) and other [I/O Controls and Signal Converters](#).

Axiomatic specializes in the design, development, and production of controller and power converter solutions tailored for diverse applications where performance and reliability are of utmost importance. Our team of design engineers designs products in both Canada and Finland, while our manufacturing operations are in Canada. Sales offices are in Australia, Canada, Finland, and USA.

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