

PRESS RELEASE

March 18, 2018 – Mississauga, Canada

Axiomatic releases its newest DIN rail mount controller, a Dual Channel Signal Converter with Isolated CAN SAE J1939 for engine applications.

The AX130540 Signal Converter has four-way isolation between inputs, outputs, power and the SAE J1939 CAN port to prevent damaging voltage from passing through into connected systems. It also minimizes the effects of electrical noise.

It accepts a broad range of input signals. The two inputs are selectable as voltage or current analog, resistive, PWM/Frequency or Digital signals. In addition, there is a Magnetic Pick Up input and an Encoder input.

Two outputs are configurable as analog voltage (0-5V, 0-10V, +/-5V, or +/- 10V); analog current (4-20 mA, 0-20 mA); or PWM signal.

It accepts 12Vdc or 24Vdc nominal power and provides a reference voltage (+5V) to power sensor inputs.

The controller operates from -40 to 85°C (-40 to 185°F) and is IP20 rated. It has two LED indicators and is compatible with standard 35 mm DIN rail.

Simple configuration can be achieved using an Android Smart Phone application.

Complex control logic can be configured using the Axiomatic Electronic Assistant®. The firmware was developed using Simulink®.

Other Axiomatic connectivity products include the CAN/Ethernet Converter, Ethernet Switch as well as the CAN-Bluetooth Converter and other NFC configurable DIN rail mount controllers.

Contact: Amanda Wilkins, Marketing Manager, TEL: 1-905-602-9270x224 amanda.wilkins@axiomatic.com

