

PRESS RELEASE

September 30, 2014 – Mississauga, Canada

The new 6 Inputs/5 Outputs Valve Controller adds a multi-functional hydraulic valve control to Axiomatic's line of machine controls. Simulink® software development allows OEM designers to program the device for specific applications.



Features:

The valve controller provides precise, repeatable control of 5 proportional or on/off solenoids over a SAE J1939 network. PWM signal inputs or analog voltage or current inputs are accepted for interface to a PLC, Engine Control Module or command potentiometers. Multiple switched inputs are provided to suit a range of applications. Each can be configured to measure the input value, and send the data to a SAE J1939 CAN network. In addition, any output on the controller could be configured to use any of the on board inputs as either a control signal or an enable signal, instead of taking the control information from the CAN bus. Diagnostics messages are provided over the CAN network for the status of inputs or outputs. Settings are user configurable via a *Windows*-based Electronic Assistant® tool. A rugged power supply interface accepts 12 Vdc or 24 Vdc nominal for battery powered machine applications. The unit is suitable for use in outdoor and high vibration environments. The controller operates from -40 to 85°C (-40 to 185°F).

Applications: The 6:5 valve controller will suit a wide variety of machine control applications such as excavator hydraulic attachment control, and data acquisition for monitoring the level in natural gas tanks.

- oil and gas equipment automation
- off-highway machine automation

Axiomatic designs and manufactures electronic machine controls, power converters, gateways and motor controls for the off-highway, on-highway, bus, electric vehicle, military, power generation, material handling, industrial and alternate energy markets. We provide efficient, innovative solutions that focus on adding value for our customers. We emphasize service and partnership with our customers, suppliers, and employees to build long term relationships and mutual trust.

Notes:

Electronic Assistant® is a registered US trademark of Axiomatic Technologies Corporation.

CANopen® is a registered community trade mark of CAN in Automation e.V.

Simulink® is a registered trademark of The Mathworks, Inc.

Contact: Amanda Wilkins, Marketing Manager

TEL: 1-905-602-9270x224

Email: amanda.wilkins@axiomatic.com