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NEW EVDR4 and EVDR5 Customer-Programmable Proportional Controllers for up to Four Proportional Valves and One Solenoid-Operated On/Off-Type Valve

HydraForce is pleased to announce the release of the new EVDR controller family. These products are designed to provide expanded electronic control capabilities for both sub-system and complete vehicle system applications. The EVDR products are customer-programmable enabling application-specific performance optimization.

EVDR controllers are housed in an environmentally-protected IP67 box enclosure, and are available as stand-alone controllers, or as CAN linked input/output interface modules. These controllers include both input and output capabilities, and are customer-programmable using a menu driven configuration tool.

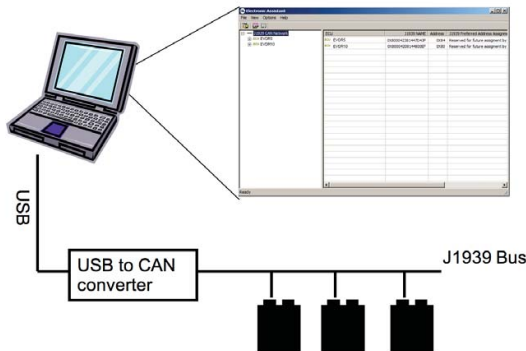
Features of both the **EVDR4** and **EVDR5** include an 8 to 36 VDC power supply with reverse polarity protection, a +5V reference voltage to power input devices, and thermal overload/over-voltage protection.

EVDR4

The EVDR4 will operate up to 4 proportional and 1 on/off valve coil, using 4 analog and 2 digital inputs. Inputs from the machine controller, operator joystick, PLC, etc., are configurable using the programming tool. The EVDR4 will accept voltage, current, digital or PWM signal inputs. An onboard RS232 port is provided for PC-based user-configuration. A graphical programming tool, designed specifically for the EVDR4 controller, is available.

Inputs: 4 Analog and 2 Digital
Outputs: 4 PWM and 1 On/off
Communication: RS232

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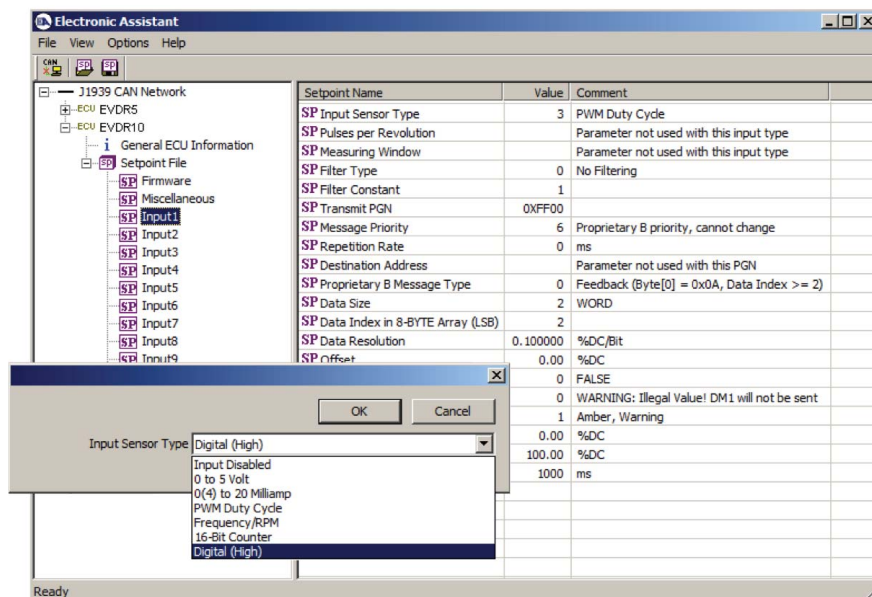
EVDR5

The EVDR5 includes a J1939 communications port for programming and for interface with other network devices, allowing its use as either a stand-alone controller or as a slave logic module.

The EVDR5 will operate up to 4 proportional and 1 on/off valve coil, using 4 analog and 2 digital inputs. The controller will accept voltage, current, digital or PWM signals from a machine controller, operator joystick, PLC, or other signaling device. Inputs and outputs are configurable using the CAN-interfaced programming tool. The CAN-based configuration and diagnostic tool is used for the EVDR5, EVDR6, EVDR9 and EVDR10 products. Software and connector kits are available from HydraForce.

Inputs: 4 Analog and 2 Digital
Outputs: 4 PWM and 1 On/Off
Communication: RS232

[go to EVDR5 catalog page](#)



For additional information please see the product selection guide and the detailed specification sheets on www.hydraforce.com or contact your HydraForce representative.

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