

Press Release
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New product for Hannover Fair 2009

Control for many tasks: HAWE Hydraulik's type PLVC 8x2

HAWE Hydraulik SE, Munich, has extended its family of programmable logic valve controls with the new type PLVC 8x2. In line with existing models this control is equally designed for comfortable control of complex hydraulic systems. The brief cycle times of this control make it a perfect match for complex regulating and control tasks.

The control links analog, digital and other components with CAN-BUS interface: joysticks, potentiometers, stop switches, pressure switches, rotary encoders, speed sensors, valves and many more.

The number of inputs and outputs on the type PLVC 8x2 is sufficient for even demanding hydraulic systems. It therefore includes 16 proportional outputs, enabling, for example, control of eight functions of the proportional directional spool valve, type PSL, via eight twin solenoids. The basic design also contains six digital frequency inputs, as well as eleven analog inputs, which can be software-switched between 0-5V, 0-10V, and 4-20 mA.

The basic unit furthermore features a RS232- and a CAN-BUS interface. The programming system supports the CAN protocols CANOpen as well as J1939. The hardware's core is a processor of the ST10 family that is optimized for mobile applications.

The sturdy die casting housing of the control has been optimized for the needs of mobile applications and can be mounted anywhere on a vehicle. Combined with a neatly installed connector the unit can comply with an ingress protection rating up to IP 69K.

The number of inputs and outputs of the PLVC 8x2 can be doubled with an extension board, which integrates a second CAN-BUS interface. Further

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options include a real time clock and a remanent memory for data logging, in order to record measured values or error events for example.

The control is SIL2-enabled and enjoys a wide range of deployment in mobile applications: cranes, crane systems, construction machinery, complex lifting installations, and forestry equipment. It is equally well suited for deployment in tension hydraulic systems such as machine tools, presses etc.

HAWE Hydraulik is presenting the programmable logic valve control type PLVC 8x2 for the first time at the Hannover Fair 2009 (April 20-24, 2009): **Hall 019, stall C15**, in the sector "Motion, Drive & Automation".

Further information and free documentation:

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Programmable logic valve control type PLVC 8x2

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