

Press Release
20.04.09

New product for Hannover Fair 2009

Proportional spool valve type PSL with direct CAN-BUS interface

HAWE Hydraulik SE, Munich, is now offering the well approved proportional spool valve, type PSL, complete with direct CAN-BUS interface. The new design is characterized by simplified wiring, thus supporting speedier and safer installation. Unlike the common designs on the market the wiring is not designed as a daisy chain, but is connected and ready-for-use by the straightforward insertion of the entire cable.

The electrical connection complies with ingress protection rating IP 67, enabling a broad range of deployment also in rougher environmental conditions. The integrated signal relay ensures the automatic optimization of the valve's reactive behavior. This is particularly helpful for reducing the hysteresis, as this considerably simplifies the precision of repetitions and/or the integration into automatic sequences. The self-teaching functions of parameters also reduce the set-up work, for example, for the entry current.

The proportional spool valve is deployed in mobile hydraulics to control the direction of movements and the load-independent and continuously adjustable control of movement velocities of hydro consumers. The CAN-BUS control facilitates easier actuation of complex systems with decentralized valve islets, sensors and actors.

Important components for the proportional spool valve bank are the connection block for constant and/or adjustable pump systems, the spool valve sections with various supplementary functions for the consumer side, such as over-center valves, and an end plate.

All pressurized components are made of steel. This enables flows of up to 120 lpm and operating pressures of up to 420 bar.

Press contact: HAWE Hydraulik SE
Ulrike Ballnath / Marketing
Streitfeldstrasse 25
81673 Munich/Germany

Tel.: +49 89 37 91 00-1411
Fax: +49 89 37 91 00-6411
u.ballnath@hawe.de
www.hawe.de

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HAWE Hydraulik is presenting the proportional spool valve type PSL with direct CAN-BUS interface 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:

HAWE Hydraulik, www.hawe.de, info@hawe.de, Tel.: +49 89 37 91 00 0.

Image:

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Sturdy, compact and quickly installed – the proportional spool valve type PSL/PSV with direct CAN-BUS interface

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