

## Technology overview:

- Flow rate range up to 300 lpm
- Operating pressure (pmax) 420 bar
- Combination of up to 12 segments
- BSPP, UNF and JIS connection threads available
- Extensive modular system with shock/suction valves, pilot-operated check valves, load-holding valves and more

Software and hardware competence from one single source:



„The ideal introduction to CAN bus communication in the next vehicle generation.“

„Much experience in application programming and ready-made software modules! I wouldn't have expected that from a hydraulics expert.“

Further information about the proportional direction spool valve type PSL you can get here:



or from your sales contact at [www.hawe.com/contact](http://www.hawe.com/contact).

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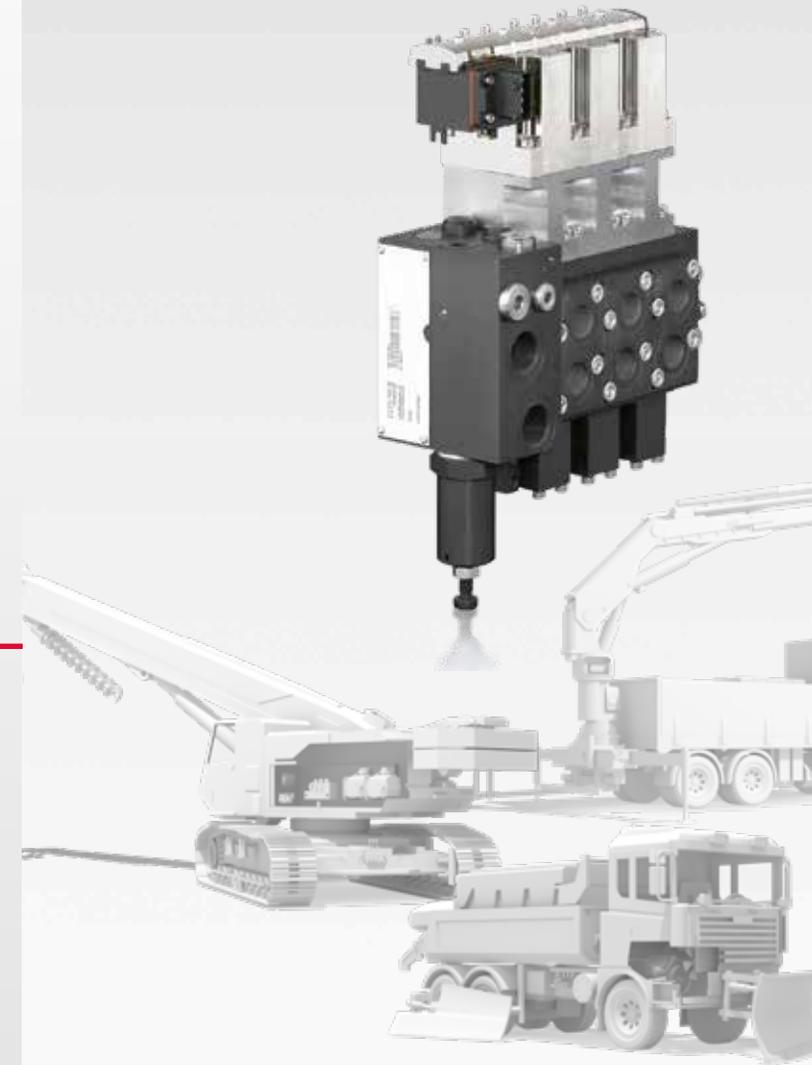
P\_PSL-CAN lite Flyer EN - 03/2020

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## Directional valve type PSL-CAN

The ideal start with CAN bus communication in the vehicle.



Solutions for a World under Pressure

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## One directional spool valve covers the control requirements in the mobile machine.

### PSL - Finest proportional control according to the load-sensing principle

The proportional directional spool valve type PSL is designed with extensive modularity, offering a wide variety of options in the standard program. Up to twelve valve segments can be combined in one valve bank and control the individual consumers. Three sizes cover a large volume flow rate range and can be combined into one assembly as required. This allows a very compact design, which brings advantages in terms of installation space and weight savings.

### PSL-CAN lite – the ideal start for CAN bus control

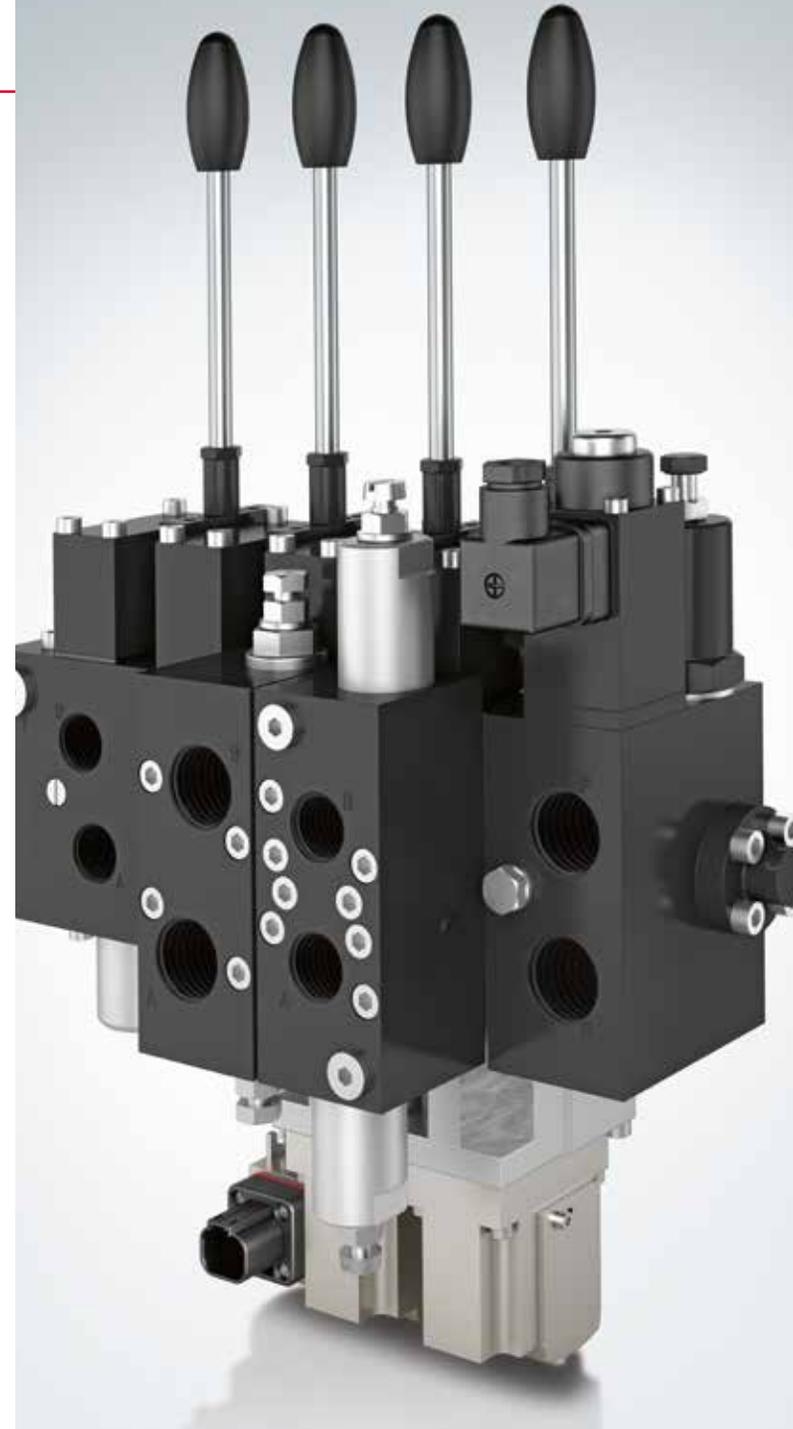
For state-of-the-art and efficient communication between the vehicle control system and the hydraulic control, the CAN bus is ideal. Precise control, simple parameter adjustment and low hysteresis are only some of the advantages. With the type PSL-CAN lite you benefit from easy commissioning, thanks to low cabling effort - only one connector per set of valve sections - and preset parameters.

### PSL-CAN - fully equipped

With the PSL-CAN, a wide range of integrated diagnostic features are offered. The data can either be analysed with the HAWE PSXCAN tool, or when connected to your own monitoring software. With the high-end CAN bus version, the start and end positions are predefined on delivery and the hysteresis during operation is zero.

### Key data:

Size	Pressure	Volume flow
2	420 bar (6000 psi)	80 lpm (14.3 gpm)
3	420 bar (6000 psi)	200 lpm (52.8 gpm)
5	400 bar (5800 psi)	300 lpm (79.3 gpm)



## The right control for every machine type!

The PSL product family has proven itself in many types of machines as a robust, and at the same time sensitive control system. The onboard electronics with CAN bus interface control have been successfully used worldwide for over 10 years.

### The PSL-CAN is ideal for:

- Municipal vehicles
- Agricultural machinery
- Cranes and hoists (Man - Up)
- Steering

### PSL-CAN

- Extensive monitoring function
- Proportional volume flow
- High dynamics
- No hysteresis

### PSL-CAN lite

- Simple commissioning
- Onboard electronics
- CAN interface
- Preset parameters
- Condition monitoring

### PSL

- High flexibility through modular design
- Low delta p
- Very compact design
- Additional functions can be integrated in the control block