

WEST



At a glance!

Benefit from the most modern open and closed loop control modules for hydraulic applications, personal advice and over 20 years experience.

Our portfolio: analog and digital power amplifiers, positioning controls, pressure controls, synchronization controls, pump controls and network connection. All info under: www.w-e-st.de

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*Electronics
Hydraulics meets
meets Hydraulics
Electronics*

WEST



Power amplifiers

PAM-190, PAM-190-P-IO, PAM-199, PAM-193

- ✓ Volume flow-controlled activation of proportional valves as well as common inductive loads
- ✓ Control of directional, throttle and pressure valves which require a flexible adaption
- ✓ Feedback position control
- ✓ Dynamic servo valve control



PID- and pressure controls

MDR-133, MDR-337, PID-131, UHC-126, PQ-132

- ✓ Pressure control with pressure valves even at variable displacement pumps and servo pumps
- ✓ Universal PID-controls as well as specialized ones for force, pressure or speed control
- ✓ Speed controls with pulse transmitter
- ✓ Classic pQ controller with or without fieldbus interface



General function modules

DSG-111, DSG-112

- ✓ Freely configurable control module
- ✓ Rapid/creep speed control
- ✓ Characteristics adaption and signal range monitoring
- ✓ Ramp generation for critical acceleration drives
- ✓ Mathematical conjunction of analog and digital demands



Pump controls

PQP-171, PQP-176, PQP-179-P

- ✓ Swivel angle, pressure and power limitation control
- ✓ Spool position controller
- ✓ Good experience with A4V and HS5 adjustment
- ✓ Mooring mode (active pressure reduction)
- ✓ Controlling valves with or without OBE



Position control modules

POS-123, POS-323, POS-124, UHC-126

- ✓ General position control systems
- ✓ Fast transport drives
- ✓ Speed controlled positioning
- ✓ System integration via several fieldbus interfaces
- ✓ E.g. suitable for forming machines with additional pressure control



Synchronous controls

CSC-151, CSC-152, CSC-156

- ✓ Positioning of several axes synchronously
- ✓ Additional pressure limitation functionality
- ✓ Controlling of valves with or without OBE
- ✓ Analog or fieldbus-controlled system
- ✓ Among others used in lifting platforms or press applications