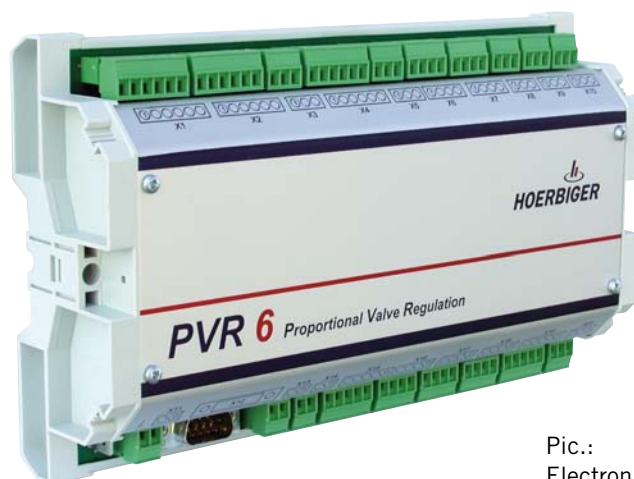


## X Electronic digital amplifier PVR6

- The electronic amplifier is designed for the controlling of inductive actuators. A combination of six pulse-width actuating signals with four setting values and six status signals can be produced via individually developed firmware. It is thus possible to carry out the controlling and regulation of particular cases. The parameterisation required for this is deposited in internal fail-safe memory.
- All safety-relevant internal conditions are monitored and made accessible to the user via suitable error information. Special solutions are available on request, which are programmed according to the customer's wishes.
- Communication with the amplifier takes place over an RS232 interface. This communication, as well as allowing the attached valve types to be selected, makes complete parameterisation and diagnosis possible.
- The coupling to the superior controller is made via the existing setting value signals and status signals. An optionally available LAN interface permits the complete integration as a slave within a local network. Web server functionality is not available here.
- The consistent separation of the power supply of the amplifier electronics from that of the load circuits, as well as the existing separate power supply for the proportional directional valves and proportional pressure valves, offer the user complete liberty of organisation when implementing his machine security concept. The assembly should normally be carried out on a NS35/7,5 mounting rail according to the standard DIN50022.

### Technical data of total system

Protection class: .....	IP 20
Ambient-/operating temperature: ....	-10 °C ... +55 °C
Storage temperature: .....	-20 °C ... +70 °C
Duty cycle: .....	100 %
EC-guidelines: .....	89/336/EWG
EMV-interference resistance: .....	EN 61000-6-2
EMV-transient emissions: .....	EN 61000-6-4
Solder joints: .....	lead free
Packaging .....	ESD suitable cardboard box



Pic.:  
Electronic digital amplifier PVR6  
Dimensions S x H x D : 197 x 51 x 127,5

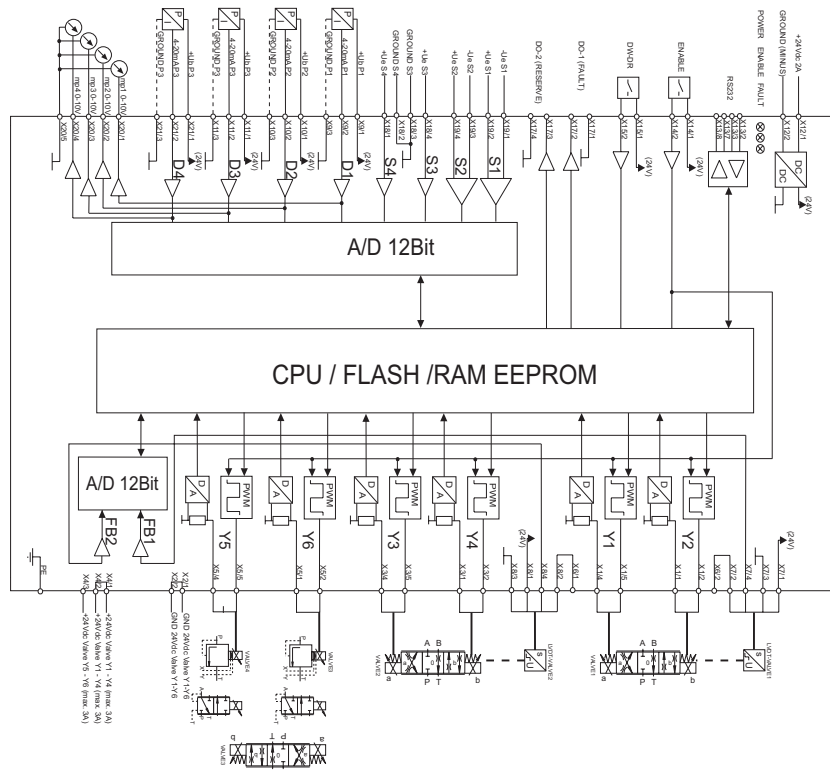


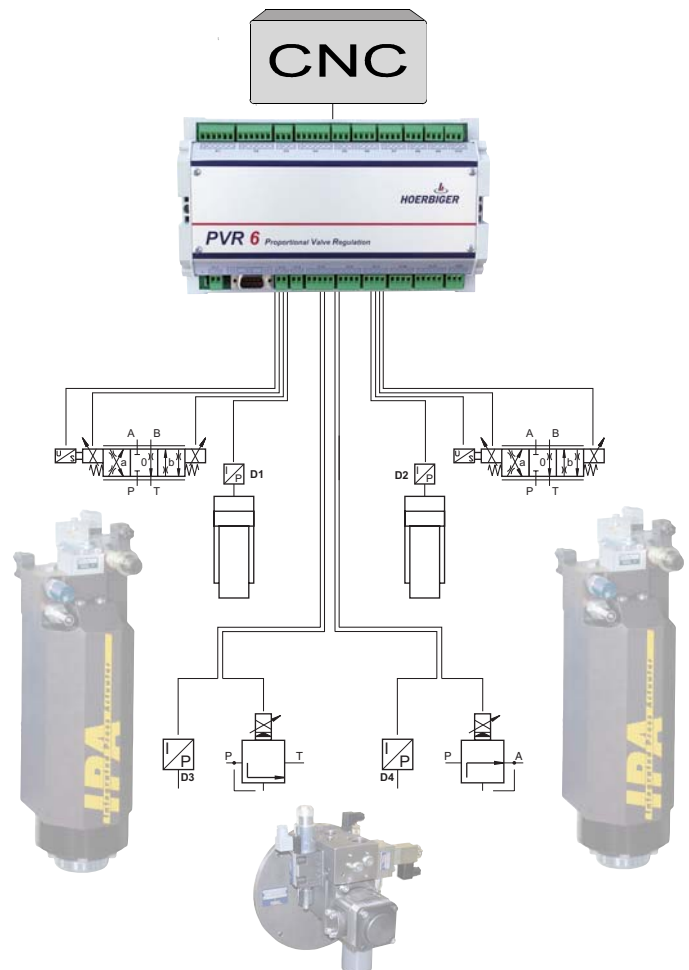
Fig.:  
Wiring example

## Example for application:

The digital concept permits an adjustment of the amplifier to a broad field of deployment, in which the control or regulation of solenoid current up to 3 A is a matter.

Preferably the electronic digital amplifier PVR5 is used in connection with HOERBIGER hydraulic systems for press brakes.

The installation and operating manual as well as the flyer can be requested and/or downloaded under [www.hoerbiger.com](http://www.hoerbiger.com)



Example for application:  
Control of the HOERBIGER CNC press brake system IPA