

Data Sheet

Electro-hydraulic actuator type PVHC



The PVHC is an electrical actuator module for main spool control in PVG 32 and PVG 100. The actuator uses two current controlled proportional pressure-reducing valves. PVHC does not use the known PVE internal closed loop control technology, and does therefore not offer any kind of fault monitoring system, neither active nor passive.

Function

With electrical proportional actuation, the main spool position is adjusted so that its position corresponds to an electrical control signal.

The control signal is converted into a hydraulic pressure signal that moves the main spool in the PVG.

This is done by means of two proportional pressure-reducing valves.

The electrical actuator can be controlled either by a current amplifier card, or directly from a programmable micro-controller.

(see drawing fig. 1 page 2).

Features

- PVM current control signals.
- AMP JPT and Deutsch DT connector options.
- 12 V or 24 V supply options.
- Only to be used with 25 bar pilot pressure and hydraulic spring.
- Only standard mounting on PVG 32 and PVG 100.