



COMPONENTS - CONTROL SYSTEMS - APPLICATIONS

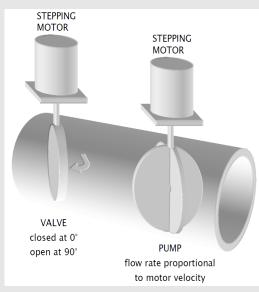
## **VPC – VALVE AND PUMP CONTROLLER**

"A compact and cost efficient motion controller for valve and pump control applications ...

- 24 ... 90V<sub>DC</sub> motor supply
- ullet 4 ... 10A<sub>RMS</sub> motor phase current
- 3 ... 30V wide range signal inputs
- Very compact dimensions:
  H:101mm D:119mm W:35mm
- Mounts on standard DIN rail
- 0 ... 10 V analog signal control Valve: Valve position Pump: Flow volume / time
- Encoder index pulse / reference signal input for automatic calibration after power on
- Monitoring output for valve position or pump speed
- Automatic motor current reduction at standstill to reduce heat loss of motor and drive
- Multiple safety functions:
  - Short circuit (over current)
  - Low supply voltage
  - Over temperature
  - Phase interruption detection
- · Removable terminal blocks
- 3 diagnostic LEDs
- · Customized versions available
- Powerful 2 phase stepper line



... featuring industrial quality motion controller/drive type LAM DS3078 with on-board application software VPC-xxx ...



... to control valve positions an flow volumes of (dosage) pumps"

## BLACK FOREST LINK..

... combines industrial high performance stepping motor drive and control systems with pre-engineered functionality for a variety of demanding applications...

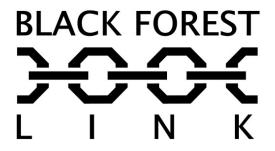
...systems offer user friendly solutions for a variety of industries:

- Packaging
- Printing
- Labeling
- Automotive
- Food
- Medical
- Pharmaceutical
- ...

1 YEAR WARRANTY on standard products...

Please visit us at.. www.blackfoli.com

VPC-US0.1



"Over 30 years of application experience in motion control solutions"

## VPC-100 APPLICATION EXAMPLE: VALVE POSITION CONTROL

