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TECHNOLOGY GROUP

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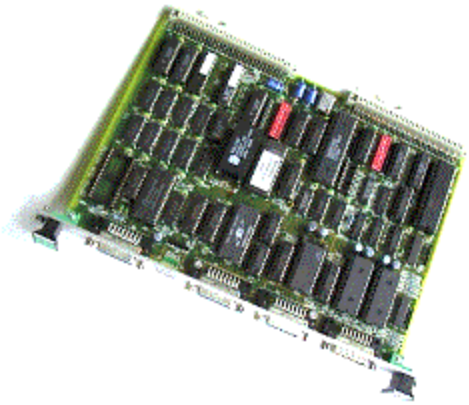
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Translated from Dutch to English - www.onlinedoctranslator.com

- Controls up to 3 axes (AC/DC servos)
- VME bus interface
- RS 232 interface



The axis controller ADCOS K100-VAT controls and interpolates up to 3 NC axes. With one or more axis controllers and a VME computer, a very powerful axis control can be realized. A special feature of this controller is the very precise interpolation over 3 axes (or more if multiple controllers are linked to each other via the CNC bus). In addition to the AC and DC servo motors, hydraulic and pneumatic axes can also be controlled.

Features:

- Highly accurate simultaneous**DDA interpolation**with all 3 axes.
- Configurable**stand alone**axes.
- Automatic**zero point**to search.
- Automatic**offset compensation**of the connected servo controllers.
- **Synchronization control**with 2 axles.
- **Feed-forward regulation**(movements without aftermath).
- **Tacho simulation**(Controlling the engines without built-in tacho).
- Programmable**gear and brake control**.
- Programmable**soft limit switches**.
- Programmable**scales**of the**measuring systems**.
- Programmable**correction**of the**measuring systems**.
- Loading and walking from**On-Board Programs**(Saved on the controller).
- Save the**parameters**on the controller itself.
- **Expansion**of the system by multiple axis controllers via the fast**CNC bus**.
- Connecting to**I/O controllers**ADCOS K100-VIT via the fast**CNC bus**.

Specifications:

- **General specifications:**
  - VME bus interface
  - RS 232 interface
  - Encoder inputs with quadrupling for measuring systems.
  - Analog outputs for motor signal.
  - 2 KB dual-ported RAM
  - 32 KB battery RAM
- **Mechanical and electrical specifications:**
  - + 5 V / 1.8 A +-12 V / 100 mA
  - Dimensions (mm): 233.35 x 160 x 20 (Double VME board).
  - Operating temperature: 0° to 60° C (32° to 140° F).

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