



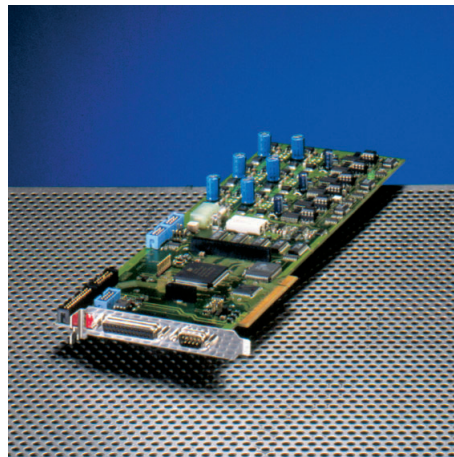
Controller

The positioning system LSTEP - PCI is a high-resolution stepper motor controller for three axes with 2/4 phase stepper motors, established as a PCI-card for the personal computer.

Communication between the PC and controller occurs through the PCI bus, topped by a dual-port ram, or the RS 232 interface. Dynamic micro step operation allows for very precise positioning at high speeds.

The integration of a controller and power amplifiers on one plug-in device provides compact, EMC-compliant systems that require no additional mechanical measures. The LSTEP - PCI is a great alternative for applications where cost is a sensitive factor.

A wide range of optional functions ensures individual solutions for any application.



LSTEP - PCI
PCI plug-in module for
using a PC to drive
stepper motors



Specifications

Order information

LSTEP-PCI (2 axes)
Part No.: 00-79-220-0849

LSTEP -PCI (3 axes)
Part No.: 00-79-220-0850

Accessories

Software WinCommander
Part No.: 00-79-220-0825

Other accessories on request

Resolution (smallest step size): max. 50.000 steps/revolution
0,02 µm (1 mm lead screw pitch)
0,04 µm (2 mm lead screw pitch)
0,08 µm (4 mm lead screw pitch)

Motor revolution: max. 40 s⁻¹ depending on type of motor and voltage

Power supply: logic voltage supply and reset via the PCI bus
Motor voltage: 12 V from PC power pack; alternatively 11,4 V to 48 V from external power pack

RS 232 baud rate: max. 57,6 kbaud

Dimension (X x Y x Z): 341 x 120 x 20 mm

All LSTEP PCI stage controllers include joystick and motor cables