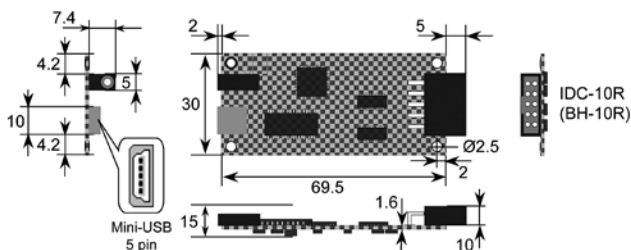


980-0060-USB

BRUSHED DC SERVO MOTOR CONTROLLERS WITH USB INTERFACE



- USB powered
- Compact
- Full featured Windows software included
- Virtual serial port communication using FTDI drivers for Windows and for other OS
- RoHS compliant



980-0060-USB

980-0060-USB is a compact, low cost USB powered controller for brushed DC servo motors. This controller is a great solution for almost all compact DC brushed motors up to 6W that are equipped with encoder or potentiometer feedback. Multiple units can be connected to a single PC via standard external USB hub for multi-axis motion control applications.

The 980-0060-USB utilizes well known FTDI virtual COM-port technology and supports Windows Vista, Windows XP, Windows Server 2003, Windows 2000, Windows ME, Windows 98, Linux, Mac OS X, Mac OS 9, Mac OS 8, Windows CE.NET etc. Included control software provides a fully featured suite of tools for Windows that allows immediate and easy out-of-the-box configuration and use of the 980-0060-USB. Using the software interface, you are able to select which controller in your system you want to control and then monitor the critical parameters.

SPECIFICATIONS

Input Power	USB, external 12V DC up to 500mA
Motor Output Power	up to 12V/500mA, 6W
Operating Modes	position, velocity, tune-up, loft compensation
Control Algorithm	PID
Velocity Profile	trapezoidal
Position Count	32 Bit
Feedback	incremental encoder, potentiometer and limit switches
Feedback Bandwidth	200 kHz
Dimensions board	30 × 74.5 × 15 mm
Size of 1-axis box	35 × 80 × 20 mm
Number of multiple axes	128



980-0060-USB-B1
box version controller

ORDERING INFORMATION

Code	Product	Price, EUR
980-0060-USB	Controller board	320
980-0060-USB-B1	Box version controller	320