



MONOPack 2

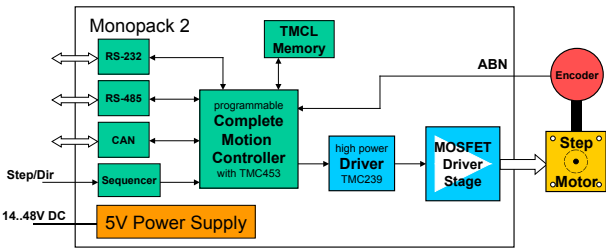
1-Axis
Controller / Driver
3.5A / 48V
with Encoder Inf.

The MONOPack2 z is a highly integrated stepper motor controller unit in a robust housing. It provides a high motor power and dynamics. A variety of control interfaces and protocols provide a simple means of remote control or stand alone functionality for all purposes. Its optional incremental encoder feedback and a number of protection features makes drives very dependant and reliable.

A Windows 95/98/ME/NT/2000/XP based PC software is supplied to explore the possibilities of the MONOPack2. When operated in TMCL mode (optional download / firmware update) you can program its stand-alone functionality using simple TMCL commands.

In terms of software and current settings the new MONOPack2 is fully compatible to the old MONOPack and MONOPack Lt while providing a number of enhanced features.

- MAIN CHARACTERISTICS
- ELECTRICAL DATA
 - up to 3.5A RMS coil current (5A peak)
 - supply voltage 12V to 48V
 - up to 406 times microstepping
 - SUPPORTED MOTORS
 - two-phase bipolar motors with 1A to 3.5A coil current
 - optional incremental encoder (2 or 3 channel)
 - INTERFACE
 - CAN, RS485 and RS232 and step / direction (differential)
 - I/Os: Limit and reference switch inputs
 - incremental encoder input
 - FEATURES
 - highly dynamic and fast response drive
 - automatic S-shaped ramp generation
 - closed loop for exact position maintenance or positioning check / retry
 - fully protected driver
 - SOFTWARE
 - 3 Firmware modes:
 - TMCL based stand-alone mode
 - ASCII terminal mode
 - MONOPack and Lt compatibility mode
 - comes with PC-based demonstration and application development software
 - OTHER
 - pluggable screw terminal connectors for all signals
 - robust aluminum housing
 - RoHS compatible
 - size: 132 x 130 x 45 mm³



ORDER CODE	DESCRIPTION
TMC MONOPack2	1-axis controller / driver 3.5A / 48V with encoder interface