

ECC100

piezo motor controller for driving attocube systems' ECS positioners

Modes of Operation

open loop positioning	
closed loop positioning	\NUM
PC-GUI	manual positioning
	absolute positioning
	incremental positioning

Dimensions

chassis	approx. 21 x 4 x 28 cm
---------	------------------------

Electrical Supply

power supply	100, 115, 230 V, 50/60 Hz
--------------	---------------------------

Output Signals

maximum output voltage	45 V
stepping frequency	5 kHz (one axis)
	2 kHz (three axes simultaneously)
maximum capacitive load	2 µF
output noise	50 mV

Trigger Signals

trigger level definition	LV TTL compatible, switchable logic
input trigger per axis	2 TTL (open loop)
	1 A/B (closed loop)
output trigger per axis	A/B

Interfaces

output connectors	14-pole connector (Binder)
PC connection	USB 2.0
	Ethernet
trigger in- and output	15-Pin Sub-D connector, female (max. 20 V)

Software Drivers

Windows	DLL with Labview™ Drivers
	Stand-alone application for Windows XP™

Three Axes Controller ECC100

