

ANC350 Piezo Motion and Readout Controller

1002787

Technical Specifications

General Specifications

type of instrument multi-functional piezo controller for closed loop positioners

number of slots 3

connector to product (pos/mic) SubD-Mix connector (female)

Modes of Operation

open loop positioning stepping mode for positioners, fine positioning mode for positioners

closed loop positioning depending on encoder system

remote operation USB 2.0, Ethernet port (optional)

capacitance measurement 50..5500 nF

positioning mode stepping, fine positioning, closed loop positioning

no. device per operation control of multiple device via one PC

Size and Dimensions

chassis 19" rack, 2 rack units, 9 x 45 x 28.5 cm³

weight approx. 5 kg

Controller Hardware

power supply 90 - 240 VAC, 50..60 Hz

power consumption [W] max. 100

connector fused IEC inlet

connection cable (ELE - POS) 1 per axis, length: 2m

Software Drivers

Windows, Linux Stand-alone application for Windows XP™, 7™, 8™, 10™; LabVIEW™; Epics (ethernet required); DLL

Output Signals

output voltage range stepping : 0..70 V

frequency range stepping : 0 .. 2 kHz

output current stepping : max > 8 A peak

maximum capacitance load 1.5 μF (more with reduced bandwidth)

setpoint bandwidth 1 kHz

output noise

