

TABLE OF STANDARD PROPERTIES OF USE AND MEASUREMENT

The properties defined in the table below, are set up according to the technical conditions of use and measurement. These properties are warranted within their variation range and in compliance with the standard technical conditions of use.



	Unit	SPC45
Notes	-	-
Function	-	Standalone Digital Servo Drive for Stepping Piezo Actuator
Max. number of channels	-	1
Protection	-	Thermal Overcurrent
Main voltage	V	12 - 24VDC
Output voltage	V	0.1 / 100
Min Output voltage	V	0.1
Max output voltage	V	100
Amplifier Gain	V/V	20
Continuous max current	mA	150
Peak output power	VA	7
Output load capacitance	μF	1
Control input voltage / Measurement range	V	0 ... 5
Min input voltage	V	0
Max input voltage	V	5
Signal / Noise ratio	dB	83
Order input range	V	0 ... 5
Analog to Digital Resolution	Bits	16
Sensor output range	V	0 ... 5
Digital to analog Resolution	Bits	16
Sampling rate	kS/s	10
PZT connector	-	ERNI Mini bridge series 8pins Right angle male pitch 1.27 mm
External Sensor connector	-	ERNI Mini bridge series 8pins Right angle male pitch 1.27 mm
External Control Input	-	ERNI Mini bridge series 8pins Right angle male pitch 1.27 mm
Input impedance	kOhms	>1000
Weight	kg	0.1
Dimensions	W, L, H mm x mm x mm	91 x 66 x 22
Cooling	-	Natural convection
Option	-	Position Sensor
Computer interface	-	USB compatible