

Product-Specifications

Product	Digital Controller for Piezo-Actuators/Displacement-Sensors		
Product Number	EBD-060100	Unit	Tolerance
Channels	1		
Output Voltage for Piezo	-40 bis +160	V	max.
Input Voltage	-10 bis +10	V	
Sensors	Strain-Gages (optional capacitive)		
Control Parameters	PID, Notch Filter		
Control Loop Time	24	µs	
Software	nFControl Basic		
Software Requirements	Microsoft® Windows™ XP/Vista/7/8/10		
Resolution	20 bit	mV	RMS
Max. Current	60	mA	
Max. Average Current	25	mA	
Protection	short circuit proof		
Supply	24 (1A max.)	VDC	
Digital Interface	USB 2.0		
Connection, Piezo and Sensor	DSub15 f		
Connection, P/S	Tube-Plug, 5.5 x 2.5 mm, 9 mm insertion		
Connection, Input Voltage	BNC		
Connection, Monitor Out	BNC		
Power Supply	external, included		
Ambient Temperature	+10 bis +40	°C	
Design	aluminum black		
Dimensions, H x W x D	44 x 120(145 with shackles) x 164	mm	
Standards	2006/95/EC, Low Voltage Directive 2004/108/EC, EMC Directive 2011/65/EU, RoHS Safety (Low Voltage Directive): EN 61010-1:2010 EMC: EN 61326-1:2013 RoHS: EN 50581:2012		



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