

Product-Specifications

Products	Digital Controller, OEM	
Product Number	EOD-060310	Unit
Channels	1	
Output Voltage for Piezo	-45 to +180	V
Sensors	Strain-Gages (SGS)	
Control Parameters	PID, 2 Notch Filters per channel	
Control Loop Time	20	µs
Software/Support	nFControl, Windows™ (7..11)GUI, API, C#, DLL, LabView®, Python®, Linux®	
Resolution	18 bit	
Data-Recorders	2 (512 values each)	
Current	150 peak, 60 average	mA
Protection	Output: short circuit proof, Supply: reverse polarity protected	
Supply	24 (2A min.)	VDC
Digital Interfaces	USB and Ethernet (RS232 as option)	
Analog Interfaces I/O	Input scalable in -10..+10, Output -5..+5 or 0..10	V
Connection, Piezo and Sensor	DSub15f (1 CH)	
Connection, Analog I/O	2x BNC (1 CH)	
Connection, P/S	SwitchCraft RASPC10PS	
P/S, counter-socket	SwitchCraft PowerJack S10KS12	
Ambient Temperature	+10 to +40	°C
Design	PCB on cooling-plate, plate of Al	
Standards (achievable only with appropriate additional enclosure, not in the scope of delivery)	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	

