

Product-Specifications

Products	Digital Controller, OEM, miniturized	
Product Number	EOD-010310	Unit
Channels	1	
Output Voltage for Piezo	-45 to +180	V
Sensors	Strain-Gages (SGS), full-bridges	
Control Parameters	PID, 2 notch filters	
Control Loop Time	1	ms
Software/Support	nFControl, Windows™ GUI, API, C#, DLL, LabView®, Python®, Linux®	
Operating System Requirements	Microsoft® Windows™ 7-11	
Resolution	16	bit
Data-Recorders	2 (512 values each)	
Current	20 peak, 10 average, depending on cooling-concept	mA
Protection	Output: short circuit proof, Supply: reverse polarity protected	
Supply	24 (2A min.)	VDC
Digital Interfaces	Mini USB	
Analog Interfaces I/O	Input scalable in -10..+10, Output -5..+5 or 0..10	V
Connection, Piezo and Sensor	DSub15f (1 CH)	
Universal Interface	Phoenix Contact, Product-No. 1803329	
Counter-Socket for univ. interface	Phoenix Contact, Product-No. 1803620 or 1827020	
Ambient Temperature	+10 to +40	°C
Design	Cube of PCBs w/ interface front-plate	
Standards (achievable only with appropriate additional enclosure, not in the scope of delivery)	2014/35/EU, Low Voltage Directive (LVD) 2014/30/EU, EMC Directive 2011/65/EU/ RoHS Directive Safety (Low Voltage Directive): IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016 EMC: EN 61326-1:2013 RoHS: EN IEC 63000:2018	

