NGD 80
Stepper Motor Controller

DIGITAL CONTROL
Inspection Systems
Smart Motion Devices

Programming Software

Ladtool



DESCRIPTION

NGD80 is a ultra compact driver for 4 phases stepper motor programmable with ladder language and speed synchronism based on the analog signal 0-10V or the encoder. The driver has 12 I/O, two analog adjustable references, one USB port and one RS485 half/full duplex socket for programming and debug.

The main features ara the following:

- Software filter for analog and digital inputs
- Automatic backup in case of power loss
- Connection up to 32 Driver reaching 384 I/O
- 31 Timer
- 31 Counters
- 1 Fast timer

TECHNICAL DATA

Voltage	15-30 V
Motor Voltage	24-80 Vdc
Rated Current	0-8A
Absorption	60mA
Operating Temperature	0 - 70 °C
Parametrization	Browser based via RS2323 and USB with the LADTOOL Interface
Encoder Inputs	1 input for quadrature encoder 20KHz
Inputs	2 programmable trimmer 3 analog inputs (1 differential) 0-10V 8 digital inputs 0-30V 1 USB port for parametrization 1 RS485 H-duplex both for parametrization and data exhange
Output	4 digital isolated output PNP 15-30V 2A
Protective circuit	Overvoltage (programmable) Overtemperature (programmable) Polarity reversal protection Short Circuits between two phases, between a phase and neutral or between a phase and earth (ground).

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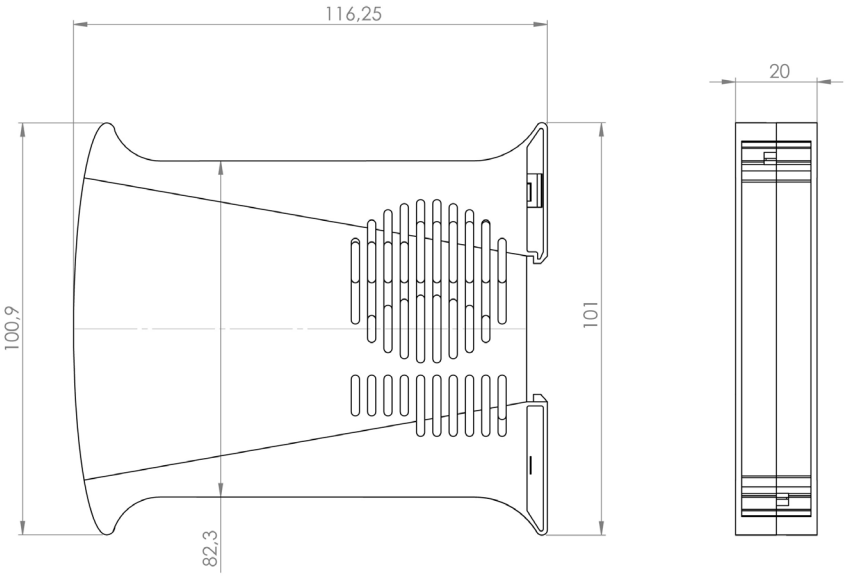
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IMAGES





TECHNICAL DRAWINGS



Measures expressed in mm

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