LYNCA®

Lynca IO Module

LynCAN-wio IO module is designed to have all the necessary IO interfaces that can be used in a fiber laser cutting machine. If onboard IO on one module is not enough, up to three can be used simultaneously. In this case the first one acts as an ethernet can gateway. LynCAN wio can be installed in the electrical cabinet via DIN rails.

IO Signal List

- 16 x digital outputs
- 24 x digital inputs
- 4 x analog inputs
- 2 x analog outputs
- 2 x pwm outputs
- 1 x current input
- 1 x RS232 connection
- 2 x CanBUS connection
- 1 x RJ45 Ethernet connection

Designed and Manufactured by

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09.2023

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Power Supply	21 - 27 VDC
Power Consumption	Minimum 150mA, 24V DC (Logic)
Digital Outputs	16 short-circuit protected digital outputs I ≤ 100mA for each digital output, 24 VDC
Digital Inputs	24 Digital inputs, 24 VDC
Analog Inputs	4 Analog inputs, 0 - 10 VDC 12 bits resolution
Analog Outputs	2 Analog outputs, 0 - 10 VDC 12 bits resolution
PWM Outputs	2 PWM outputs, 0 -24 VDC 16 bits resolution, 0 - 20 Khz, short-circuit protected
Current Input	1 Current Input, 0 – 20 mA 12 bits resolution
Interfaces	1 Ethernet Connection 1 RS232 Connection 2 CAN Bus Connection (2 x RJ45)
Features	LED indication for each output LED indication for each input LED indication of power on/off condition Short circuit proof at digital outputs Reverse polarity protection
Ambient Temperature Range	Minimum -10^0 C, Maximum +50^0 C
Connections	Screw terminals for AWG 16-30 Wire
Dimensions	125mm x 235mm
Weight	450 gr

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