

Technical specifications

Function	Description
Connection with PC	Ethernet 10/100 MBit, TCP/IP - data buffer size of about 1 s for stable communication, Auto crossover detection
Number of axes	6 + spindle axis
Number of digital outputs	32
Number of digital inputs	32
Maximum STEP signal frequency	5 MHz (adjustable from plugin for every axis)
STEP pulse width	50 % (or fixed, adjustable from plugin for every axis)
STEP signal output modes	Step&Dir / CW&CCW / Quadrature
PWM outputs	10 Hz – 200 kHz
PWM duty cycle resolution	16 bit
Frequency of signal on Index input	≤ 50 MHz
Pulse width on Index input	≥ 10 ns
MPG/encoders input (x4) frequency	≤ 12.5 M steps/sec
Digital inputs type	Schmitt trigger, 5 V, Pull-up resistors 4,7 kΩ
Digital outputs type	TTL, 5 V
Maximum current on digital outputs	32 mA
Number of analog inputs	4
Analog input range	0–5 V, 10 bits
Charge pump outputs	2
Charge pump frequency	12,5 kHz or 5 kHz
Power supply	8 – 25 VDC / 0,25 A – 1 A (current draw depends on connected peripherals)

NOTE: Shown specifications are subject to change without prior notice