



OPTIONS



SOFTWARE



TECHNICAL DATA

Operating voltage	12-48 VDC
Max. phase current	Adjustable via software up to 2.7 A (1% increments), 100% = 1.8 A
Interface	RS485 or CANopen
Operating type	RS485 interface: position, speed, reference run, flag position, clock-direction, analog and joystick, analog position, torque CANopen interface: profile position, speed, reference run, interpolated position, torque
Operating mode	1/1, 1/2, 1/4, 1/5, 1/8, 1/10, 1/16, 1/32, 1/64, adaptive (1/128)
Step frequency	0 to 50 kHz in clock-direction mode, 0 to 25 kHz in all other modes
Encoder	Integrated magnetic encoder, 1024 pulses/rev.
Inputs	6 digital inputs (5-24 V), 1 analog input (+10 V)
Outputs	Open drain (0 switching, max. 24 V/0.5 A)
Position monitoring	Automatic error correction up to 0.9°
Current reduction	Adjustable in 1% increments
Protective circuit	Overvoltage, undervoltage and temperature >80°C, integrated ballast switching
Temperature range	-10 to +40°C
Connection type	Plug connection with 2xM12
New functions	Closed loop/sinusoidal commutation/dspDrive/programmable as a sequential controller using NanoJ Easy (RS485)

ORDER IDENTIFIER

PD2-N4118L1804-IP-
2 = RS485 Interface
3 = CANopen Interface



ACCESSORIES

ZK-RS485-USB Converter
Z-K4700/50 Charging Capacitor
ZK-M12-17-1M-2-S-FIN M12 Cable
ZK-M12-17-1M-2-PUR-S M12 Cable
ZK-M12-17-3M-2-PUR-S M12 Cable



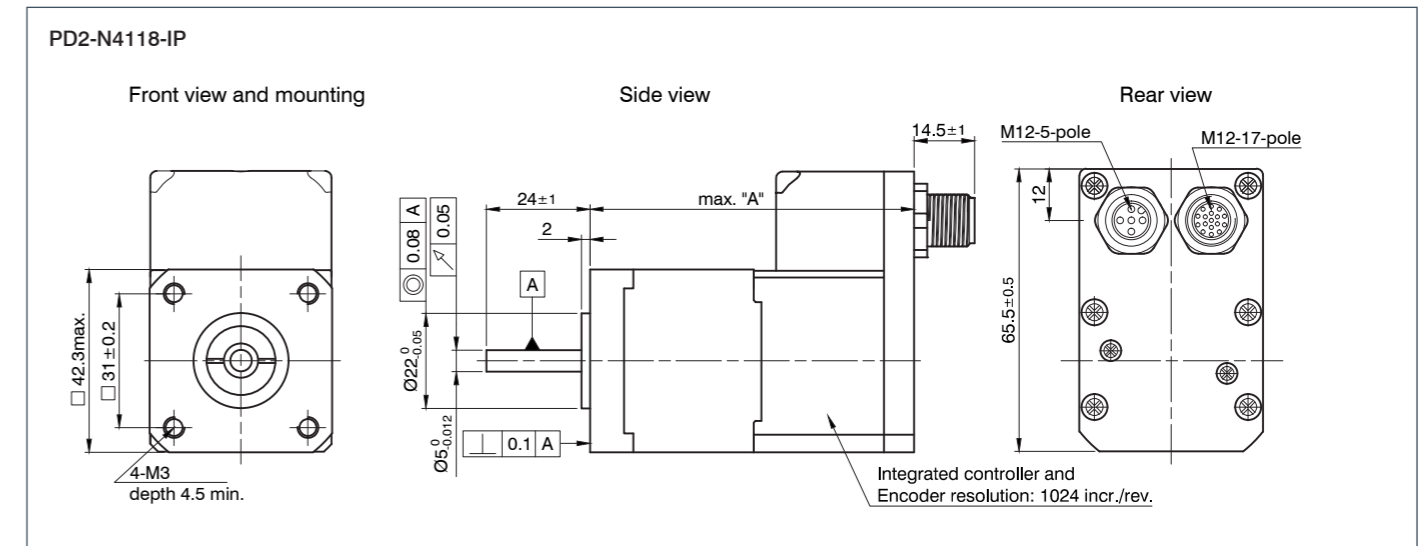
CAUTION

We recommend using a back-up capacitor of sufficient size to stabilize the operating voltage.

VERSIONS

Type	Holding Torque Ncm	Weight kg	Length „A“ mm
PD2-N4118L1804-IP	50	0.5	76.5

DIMENSIONS (IN MM)



TORQUE CURVES

