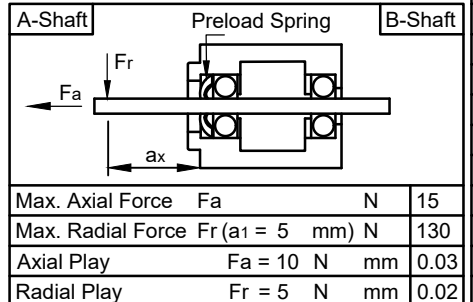
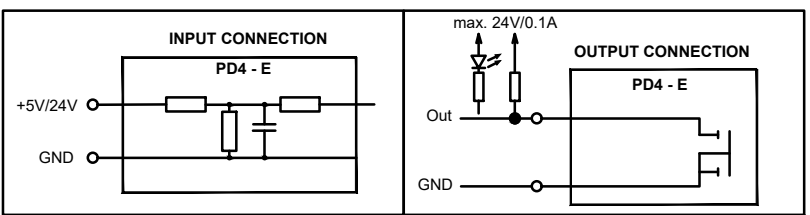


X1 CANopen IN	
M12 / 5-Pole / A-Coding / male	
X2 CANopen OUT	
M12 / 5-Pole / A-Coding / female	
Pin No.	Function
1	CAN_SHLD
2	+UB Logic (24V)
3	GND
4	CAN+
5	CAN-
cable shield on housing	
X3 POWER	
M12 / 5-Pole / B-Coding / male	
Pin No.	Function
1	+UB
2	+UB
3	GND
4	GND
5	n.c.
cable shield on housing	

X4 IO	
M12 / 12-Pole / A-Coding / male	
Pin No.	Function
1	GND
2	Input 1 (+5V/+24V)
3	Input 2 (+5V/+24V)
4	Input 3 (+5V/+24V)
5	Input 4 (+5V/+24V)
6	Input 5 (+5V/+24V)
7	Input 6 (+5V/+24V)
8	Analog Input (0-10V/0-20mA)
9	Output 1 (open drain)
10	Output 2 (open drain)
11	+5V Voltage Supply (max. 100mA)
12	+UB Logic (24V)
cable shield on housing	

MOTOR SPECIFICATION		
No. of Poles		6
Rated Voltage	V DC	48
Operating Voltage - Min. / Max.	V DC	24 / 48
Current - Rated / Peak	A	6 / 18
Torque - Rated / Peak	Nm	0.6 / 1.8
Torque Constant	Nm/A	0.1
Power - Rated	W	220
Speed - No Load / Rated	±10% rpm	4500 / 3500
Operating Voltage Encoder	V DC	5
Encoder Resolution	cpr	1024
Encoder Resolution (cpr with quadrature)	ppr	4096
Encoder Signal Type		incremental
Rotor Inertia	kg m ²	19.4 x 10 ⁻⁶
Brake Power Consumption	W	10
Static Brake Torque	Nm	1



GENERAL MOTOR SPECIFICATION		
Interface		CANOPEN
Ambient Temperature	°C	-10 ... 40
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500
Protection Class (except shaft outlet)		IP65

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
			Date
			Name
			Drawn
			Reviewed
			Released
02	additional dimension	Reith_S	15.02.2024
01	change weight, rot.inert.	Reith_S	06.11.2023
REV	Rev. Text	Name	Date

Weight: ±10% 1.6 kg

PD4-EB59CD-EB-65-2

10200000

State: Released Rev: 02 CONFIDENTIAL

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