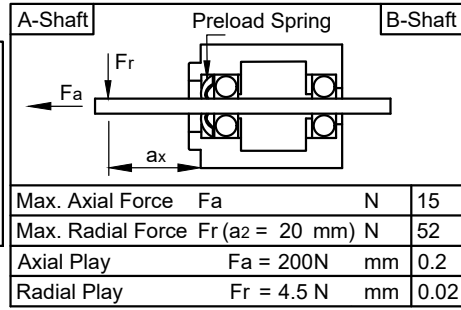
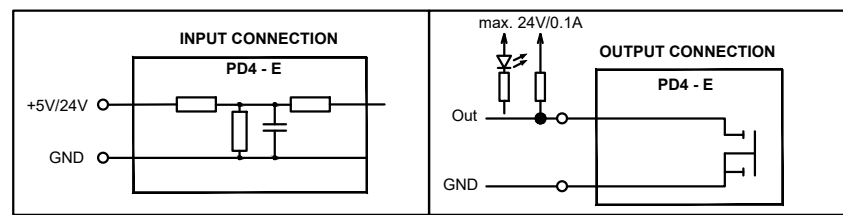


X1		CANopen IN	
		M12/ 5-Pole / A-Coding / male	
X2		CANopen OUT	
		M12/ 5-Pole / A-Coding / female	
Pin No.	Function		
1	CAN_SHLD		
2	+UB Logic (24V)		
3	GND		
4	CAN+		
5	CAN-		
X3		POWER	
		M12 / 5-Pole / B-Coding / male	
Pin No.	Function		
1	+UB (12-48V)		
2	+UB (12-48V)		
3	GND		
4	GND		
5	N.C.		
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)		

MOTOR SPECIFICATION	
Min. Operating Voltage	V DC 12
Max. Operating Voltage	V DC 48
Current per Winding	A 4.2
Holding Torque	Nm 1.87
Step Angle	±5% ° 1.8
Rotor Inertia	kg m ² 48 x10 ⁻⁶
Singleturn Encoder Resolution	bit 17
Multiturn Encoder Resolution	bit 16



GENERAL MOTOR SPECIFICATION	
Interface	CANOPEN
Ambient Temperature	°C -10 ... 40
Switch-off Temperature	°C 75
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 28.07.2022
			Schneid_A
			Reviewed 04.08.2022
			Reith_S
			Released 04.08.2022
			Reith_S
REV	Rev. Text	Name	Date

Weight: ~1.4 kg

PD4-E591L42-M-65-2A

20001584

State: Released Rev: 00 CONFIDENTIAL

A4 Page 1