

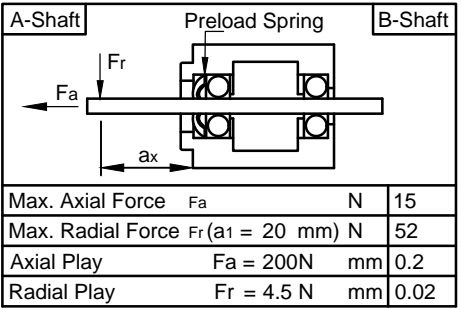
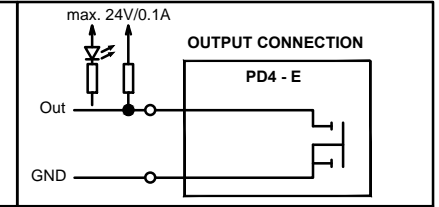
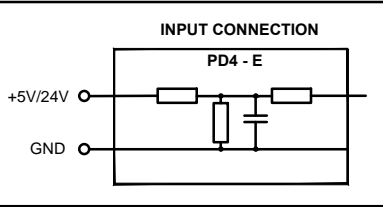
X1 Modbus RTU IN	
M12/ 5-Pole / A-Coding / male	
X2 Modbus RTU OUT	
M12/ 5-Pole / A-Coding / female	
Pin No.	Function
1	N.C.*
2	D0 (RS485-)
3	Common
4	D1 (RS485+)
5	N.C.

*Pin1 of X1 and X2 connected to each other

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 12



GENERAL MOTOR SPECIFICATION		
Interface	MODBUS RTU (RS485)	
Ambient Temperature	°C	Min. -10 Max. 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 2768-1 cK	ISO 13715	Weight: 1.3 kg
			Date	Name
			Drawn 04.12.2017	Import
			Checked ####	####
			Approved 04.04.2018	Wang_X
01	correct X1/X2 A-coding			
REV	Rev. Text	Name	Rel. Date	

PD4-E591L42-E-65-5

07000069

State: Released

Rev: 01

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