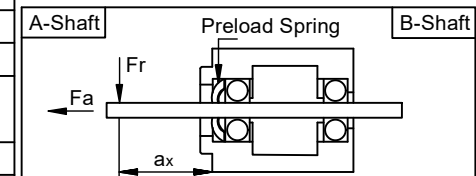


X1	
Pin No.	Function
1	Output 0
2	Output 1
3	Input 0
4	Input 1
5	Input 2
6	Analog Input/ Input 3
7	TX/RX+
8	TX/RX-
9	RES
10	RES
11	+UP
12	GND



Max. Axial Force	Fa	N	7
Max. Radial Force	Fr (a1= mm)	N	28
Max. Radial Force	Fr (a2= mm)	N	-/-
Axial Play	Fa=	N mm	0.08
Radial Play	Fr =	N mm	0.02

MOTOR SPECIFICATION		
Min. Operating Voltage	V DC	12
Max. Operating Voltage	V DC	30
Current per Winding	A	1.5
Holding Torque	Nm	0.09
Step Angle	±5% °	1.8
Rotor Inertia	x10 ⁻⁶ kg m ²	0.9
Singleturn Encoder Resolution	bit	18

GENERAL MOTOR SPECIFICATION		
Interface	RS485	
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)	IP20	

REV	Rev. Text	Name	Date	ISO 8015	ISO 1302	ISO 2768 mK	ISO 13715	Material:	Weight: ~0,14 kg
02	MFrame, Cover, Tables	Rehse_P	29.11.2023						
01	Updated Parts	Rehse_P	12.10.2023						

Date		Name		PD1-C281S15-E-20-5	20001839	Scale: 1 : 1 A4 Page 1
Drawn	04.01.2023	Pinther_M				
Reviewed	25.08.2023	Rehse_P				
Released	25.08.2023	Rehse_P				
State: Released		Rev: 02	CONFIDENTIAL			