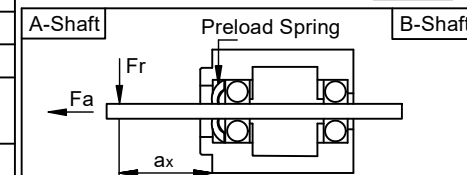


X1	
Pin No.	Function
1	Output 0
2	Output 1
3	Input 0
4	Input 1
5	Input 2
6	Analog Input/ Input 3
7	TX/RX+
8	TX/RX-
9	RES
10	RES
11	+UP
12	GND



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	0.18
Step Angle	±5% °	1.8
Rotor Inertia	x10 ⁻⁶ kg m ²	1.8
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	

ISO 8015	ISO 1302	ISO 2768 mK	ISO 13715	Material:	Weight: ~0,22 kg
			Date	Name	
			Drawn	04.01.2023	Pinther_M
			Reviewed	25.08.2023	Rehse_P
			Released	25.08.2023	Rehse_P
02	MFrame, Cover, Tables	Rehse_P	29.11.2023		
01	Updated Parts	Rehse_P	12.10.2023		
REV	Rev. Text	Name	Date		

PD1-C281L15-E-20-5		
20001837		Scale: 1 : 1
State: Released	Rev: 02	A4 Page 1
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