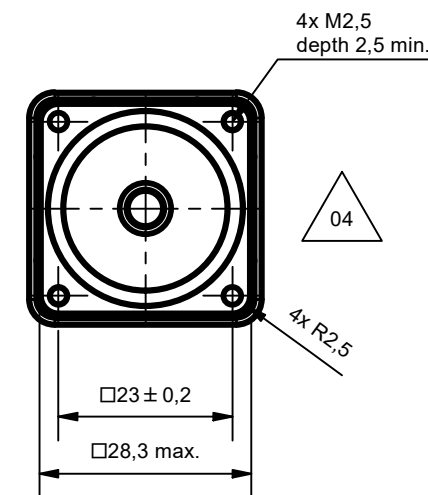
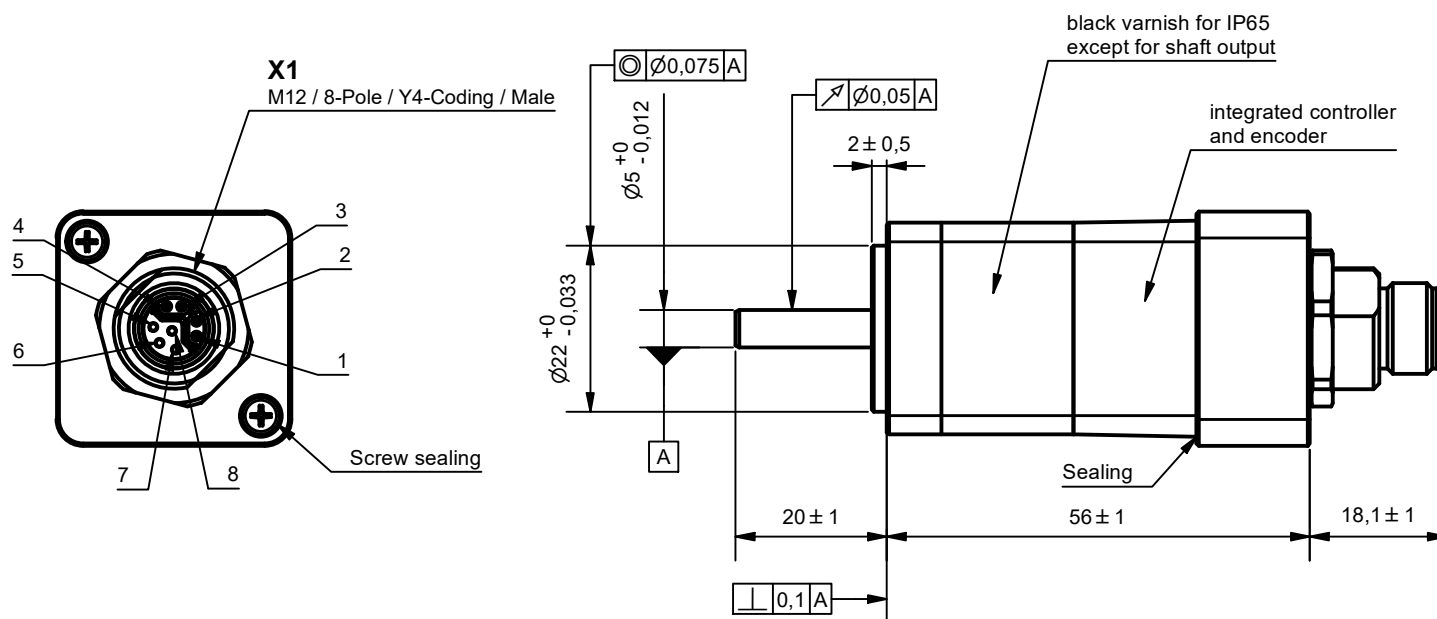




MOTOR SPECIFICATION		
Min. Operating Voltage	V DC	12
Max. Operating Voltage	V DC	30
Current per Winding	A	1.5
Holding Torque	Nm	0.09
Step Angle	±5% °	1.8
Rotor Inertia	x10 ⁻⁶ kg m ²	0.9
Singleturn Encoder Resolution	cpr	4096



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 mK		ISO 13715	
04	Pin Function, Format	Rehse_P	17.05.2024	Drawn	04.01.2023	Pinther_M	
03	Connector Pins	Rehse_P	13.12.2023	Reviewed	04.09.2023	Rehse_P	
02	MFrame, Cover, Tables	Rehse_P	29.11.2023	Released	04.09.2023	Rehse_P	
01	Updated Parts	Rehse_P	12.10.2023				
REV	Rev. Text	Name	Date				

X1	
Pin No.	Function
1	CAN_H
2	CAN_L
3	CAN_H
4	CAN_L
5	Input 1 (+5V/+24V)
6	Output 1 (Push-pull)
7	+UB
8	GND



A-Shaft	Preload Spring	B-Shaft
Max. Axial Force	F _a	N
Max. Radial Force	F _r (a1= 5 mm)	N
Max. Radial Force	F _r (a2= mm)	N
Axial Play	F _a =	N mm
Radial Play	F _r =	N mm

PD1-C281S15-E-65-2		20001830		Scale: 1 : 1
State: Released		Rev: 04		A4 Page 1
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