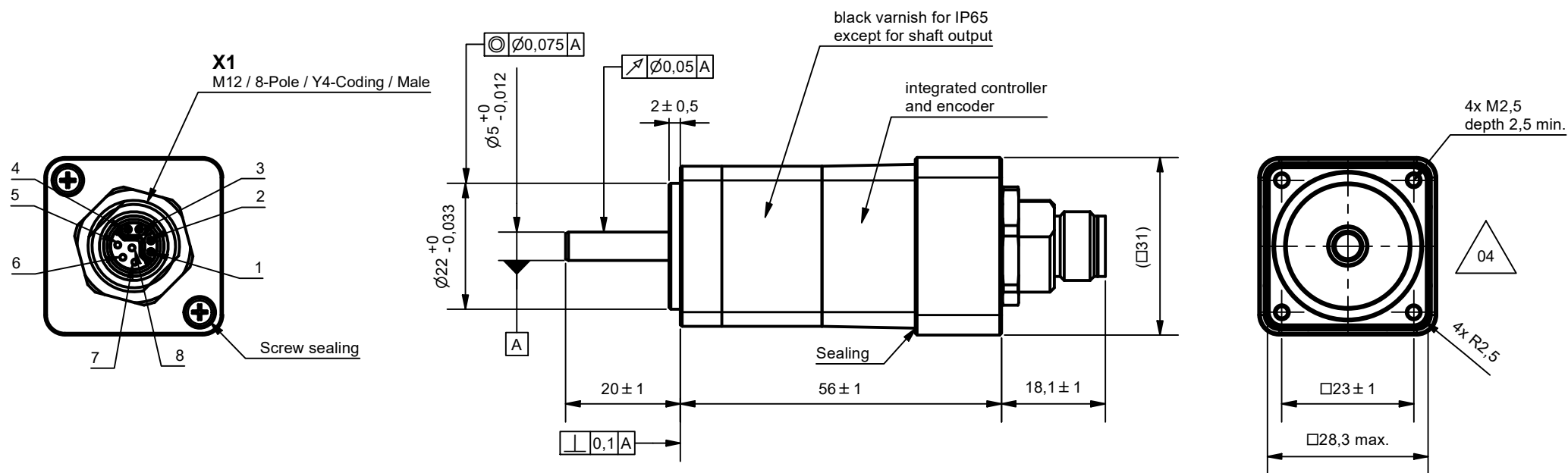




MOTOR SPECIFICATION		
Min. Operating Voltage	V DC	12
Max. Operating Voltage	V DC	30
Current per Winding	A	1.5
Holding Torque	Nm	0.09
Step Angle	$\pm 5\%$ °	1.8
Rotor Inertia	$\times 10^{-6}$ kg m ²	0.9
Singleturn Encoder Resolution	cpr	4096



X1		A-Shaft		Preload Spring		B-Shaft	
Pin No.	Function						
1	RS485+						
2	RS485-						
3	RS485+						
4	RS485-						
5	Input 1 (+5V/+24V)						
6	Output 1 (Push-pull)						
7	+UB						
8	GND						
		Max. Axial Force	F _a	N	7		
		Max. Radial Force	F _r (a1= 5 mm)	N	28		
		Max. Radial Force	F _r (a2= mm)	N	-/-		
		Axial Play	F _a =	N	mm	0.08	
		Radial Play	F _r =	N	mm	0.02	

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)	IP65

ISO 8015		ISO 1302		ISO 2768 mK		ISO 13715	
REV	Rev. Text	Name	Date	REV	Rev. Text	Name	Date
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	Update Parts	Rehse_P	12.10.2023				



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State: Released				Rev: 04		CONFIDENTIAL	
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