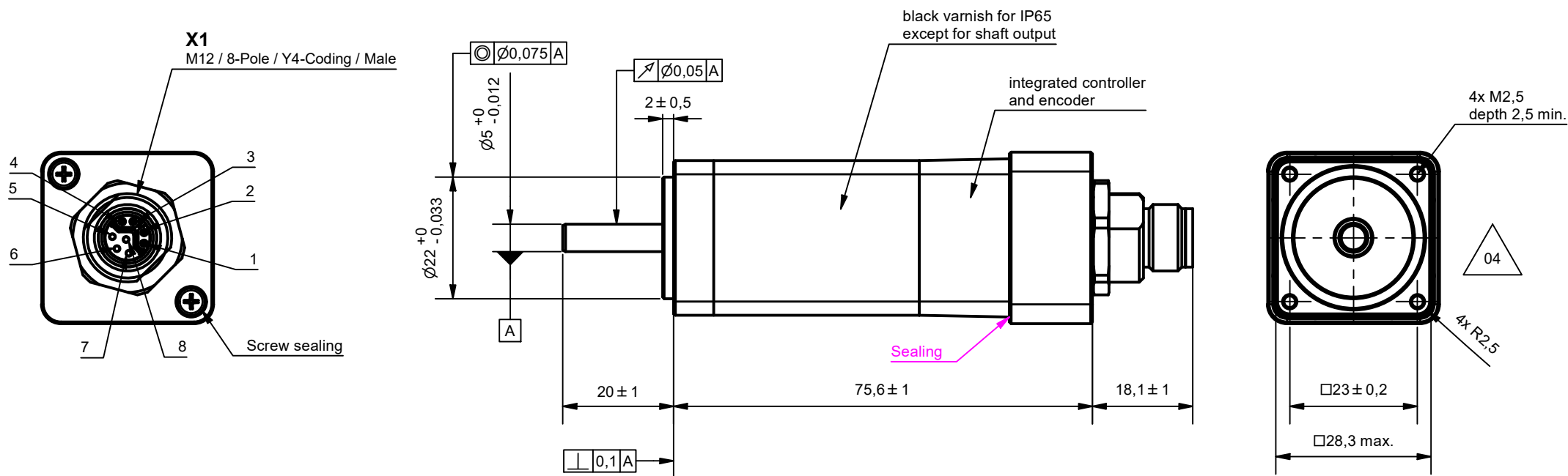




X1		A-Shaft		Preload Spring		B-Shaft	
Pin No.	Function						
1	RS485+						
2	RS485-						
3	RS485+						
4	RS485-						
5	Input 1 (+5V/+24V)						
6	Output 1 (Push-pull)						
7	+UB						
8	GND						
		Max. Axial Force	F _a	N	7		
		Max. Radial Force	F _r (a1= 5 mm)	N	28		
		Max. Radial Force	F _r (a2=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

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	cpr	4096



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	
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				



PD1-C281L15-E-65-5				Weight: ±10% 0.25 kg	
20001829				Scale: 1 : 1	
State: Released				A4 Page 1	
Rev: 04				CONFIDENTIAL	