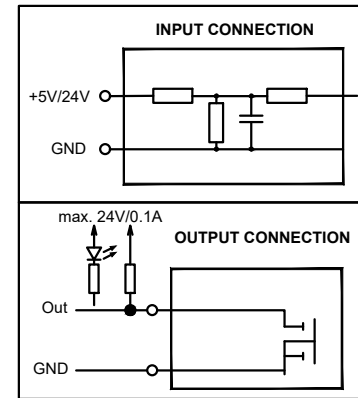
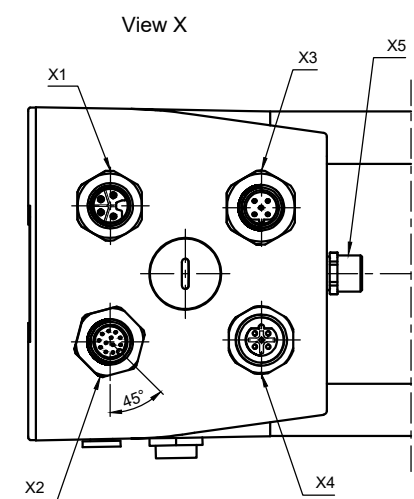
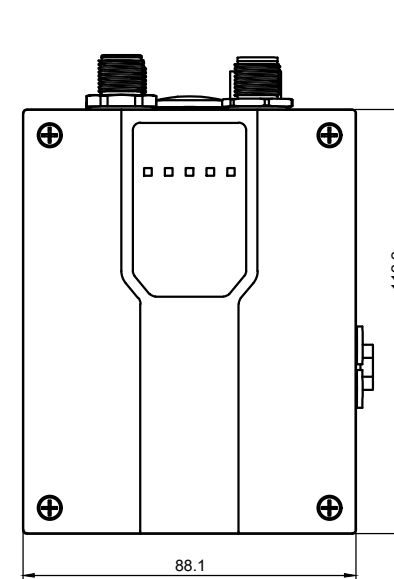
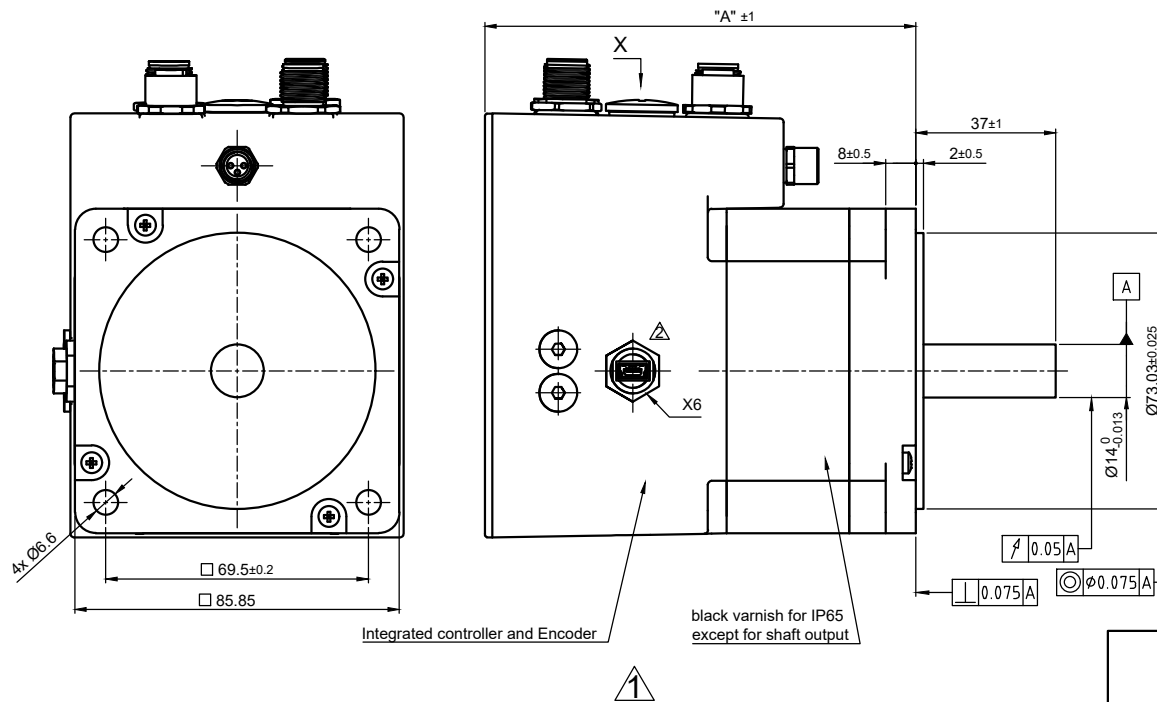


X3	Modbus RTU IN
M12/ 5-Pole / B-Coding / male	

X4	Modbus RTU OUT
M12/ 5-Pole / B-Coding / female	
Pin No.	Function
1	X3 / X4 connected
2	D0 (RS485-)
3	Common
4	D1 (RS485+)
5	N.C.

X5	Brake OUT
M8/ 3-Pole / A-Coding / female	
PIN No.	Function
1	Brake
3	Brake GND
4	N.C.

X6	Mini-USB
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X1	POWER
M12 / 4-Pole / L-Coding / male	
Pin No.	Function
1	+UB
2	+UB
3	GND
4	GND

X2	IO
M12 / 12-Pole / A-Coding / male	
Pin No.	Function
1	GND
2	Input 1 (+5V/+24V)
3	Input 2 (+5V/+24V)
4	Input 3 (+5V/+24V)
5	Input 4 (+5V/+24V)
6	Input 5 (+5V/+24V)
7	Input 6 (+5V/+24V)
8	Analog Input (0-10V/0-20mA)
9	Output 1 (open drain)
10	Output 2 (open drain)
11	+5V Voltage Supply (max. 100mA)
12	+UB Logic (24V)

MOTOR SPECIFICATION

PD6-E891xxx-x-65-5		S95-E		M95-E		L95-E	
Motor Length "A"	mm	 112		145		175	
Min. Operating Voltage	V DC			12			
Nominal Operating Voltage	V DC			48			
Max. Operating Voltage	V DC			57.6			
Current per Winding	A			9.5			
Step Angle	±5% °			1.8			
Holding Torque	Nm	3.2		5.94		9.33	
Rotor Inertia	kg m²	100 x10 ⁻⁶		190 x10 ⁻⁶		300 x10 ⁻⁶	
Singleturn Encoder Resolution	bit	12		12		12	
Weight	kg	~2.5		~3.7		~5.0	

GENERAL MOTOR SPECIFICATION

Interface	MODBUS RTU (RS485)
Ambient Temperature	°C -10 ... 40
Switch-off Temperature	°C 75
Max. Ambient Humidity (non condensing)	% 85
Protection Class (except shaft outlet)	IP65
Protection Class (shaft outlet)	IP54

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
					Date	Name	
				Drawn	02.08.2022	Schneid_A	
				Reviewed	03.08.2022	Rehse_P	
02	change length S Motor	Schneid_A	31.08.2022	Released	03.08.2022	Rehse_P	
01	added remarks	Rehse_P	17.08.2022	 Nanotek PLUG & DRIVE			
REV	Rev. Text	Name	Date				



PD6-E891x95-E-65-5-CYL

20001596

State: Released

Rev: 02

CONFIDENTIAL

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