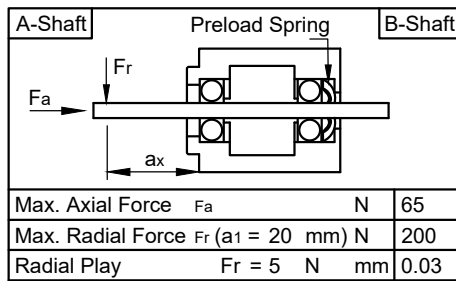
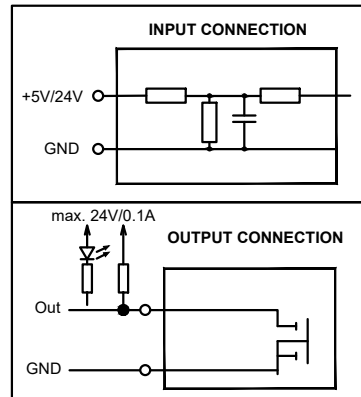


Integrated controller and Encoder

black varnish for IP65 except for shaft output



X3 PROFINET IN	
M12/ 4-Pole / D-Coding / female	

X4 PROFINET OUT	
M12/ 4-Pole / D-Coding / female	
Pin No.	Function
1	TD+
2	RD+
3	TD-
4	RD-

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-65-10	S95-M	S95-E	M95-M	M95-E	L95-M	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 m ²	100 x10 ⁻⁶	190 x10 ⁻⁶	300 x10 ⁻⁶		
Multiturn Encoder Resolution	bit	17	-	17	-	17
Singleturn Encoder Resolution	bit	16	12	16	12	16
Weight	kg	~2.5	~3.7	~5.0		

GENERAL MOTOR SPECIFICATION	
Interface	PROFINET
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
03	INFO Label	Schneid_A	12.10.2022
02	change length S Motor	Schneid_A	31.08.2022
01	added remarks	Rehse_P	17.08.2022
REV	Rev. Text	Name	Date

PD6-E891x95-x-65-10	
20001519	
State: Released	Rev: 03
CONFIDENTIAL	
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