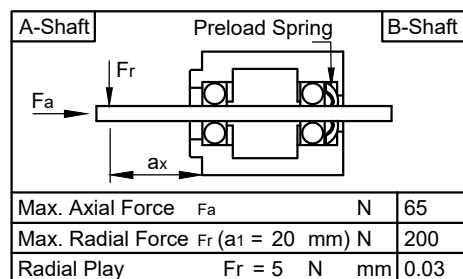
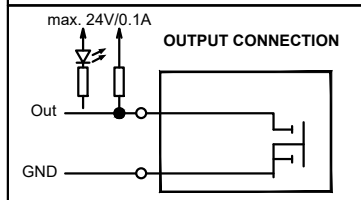
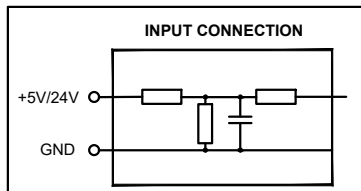


MOTOR SPECIFICATION						
PD6-E891xxx-x-65-2	S95-M	S95-E	M95-M	M95-E	L95-M	L95-E
Motor Length "A"	mm	112	145	175		
Min. Operating Voltage	V DC		12			
Nominal Operating Voltage	V DC		48			
Max. Operating Voltage	V DC		57.6			
Current per Winding	A		9.5			
Step Angle	±5%		1.8			
Holding Torque	Nm	3.2	5.94	9.33		
Rotor Inertia	kg m ²	100 x 10 ⁻⁶	190 x 10 ⁻⁶	300 x 10 ⁻⁶		
Multiturn Encoder Resolution	bit	17	-	17	-	-
Singleturn Encoder Resolution	bit	16	12	16	12	12
Weight	kg	~2.5	~3.7	~5.0		



X3 CANopen IN	
M12/ 5-Pole / A-Coding / male	

X4 CANopen OUT	
M12/ 5-Pole / A-Coding / female	
Pin No.	Function
1	CAN_SHLD
2	+UB Logic (24V)
3	GND
4	CAN+
5	CAN-

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

X6 Mini-USB	

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)

GENERAL MOTOR SPECIFICATION		
Interface		CANOPEN
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
			19.05.2022
			Schneid_A
			Reviewed
			02.08.2022
			Rehse_P
02	change length S Motor	Schneid_A	31.08.2022
			Released
			02.08.2022
			Rehse_P
01	added remarks	Rehse_P	17.08.2022
REV	Rev. Text	Name	Date

PD6-E891x95-x-65-2

20001497

State: Released Rev: 02 CONFIDENTIAL

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