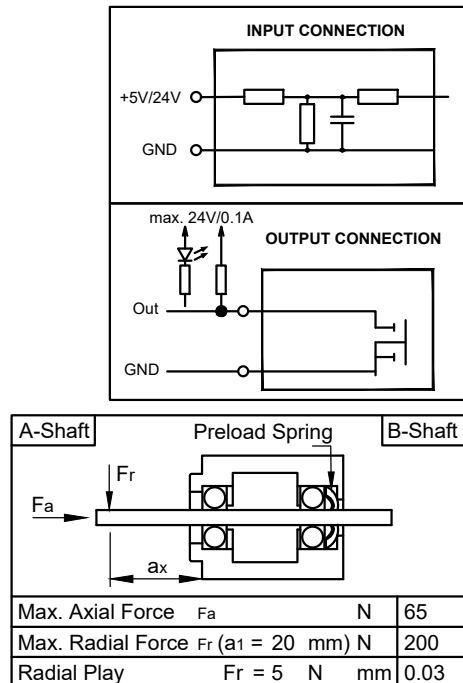


MOTOR SPECIFICATION						
PD6-E891xxx-x-65-2	S95-M	S95-E	M95-M	M95-E	L95-M	L95-E
Motor Length "A"	mm		112	145	175	
Min. Operating Voltage	V DC		12			
Nominal Operating Voltage	V DC		48			
Max. Operating Voltage	V DC		57.6			
Current per Winding	A		9.5			
Step Angle	±5%		1.8			
Holding Torque	Nm		3.2	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	16	-	16	-	16
Singleturn Encoder Resolution	bit	17	12	17	12	12
Weight	kg	±10% 2.5		±10% 3.8		±10% 5.0

GENERAL MOTOR SPECIFICATION	
Interface	CANOPEN
Ambient Temperature	°C -10 ... 40
Storage Temperature	°C -10 ... 85
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	
05	Ä-NR. 2025-0071	Schneid_A	20.11.2025	Date	Name		
04	correct Label	Schneid_A	08.11.2022	Drawn	19.05.2022	Schneid_A	
03	INFO Label	Schneid_A	12.10.2022	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				



X3 CANopen IN	
M12/ 5-Pole / A-Coding / male	
cable shield on housing	

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-
cable shield on housing	

X5 Brake OUT	
M8/ 3-Pole / A-Coding / female	
PIN No.	Function
1	Vcc
3	GND
4	n.c.
cable shield on housing	

X6 Mini-USB	
cable shield on housing	

X1 POWER	
M12/ 4-Pole / L-Coding / male	
Pin No.	Function
1	+UB
2	+UB
3	GND
4	GND
cable shield on housing	

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)
cable shield on housing	

PD6-E891x95-x-65-2

20001497

State: Released Rev: 05 CONFIDENTIAL

A4 Page 1