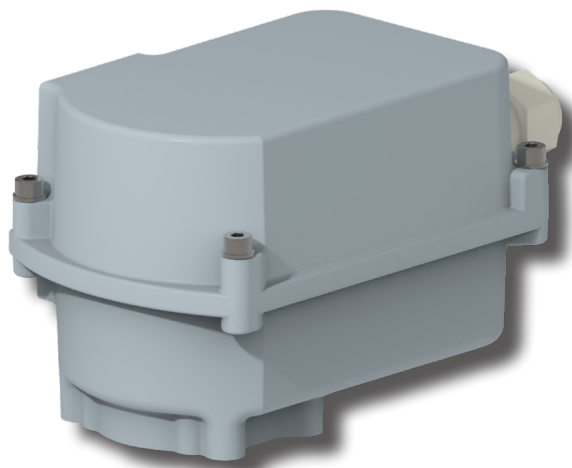


STANDARD

SP MIKRO

STANDARD EQUIPMENT:

- Voltage 24 V AC, 230 V AC
- Electrical cable connection
- 2 position switches
- Mechanical connection - flange ISO 5211
- Enclosure protection IP 65



Specification table SP MIKRO

Order code

260. X - X X X X X / X X

Climate Resistance	Ambient Temperature	Corrosivity Category ¹⁰⁾	Enclosure	
Standard	-20°C ... +60°C	C3	IP 65	0
Tropics and Dry	-20°C ... +60°C	C3	IP 65	6

Electric Connection	Voltage	Wiring Diagram	
Cables - length 1 m	230 V AC	Z594b, Z594c	0
	220 V AC		L
	24 V AC	Z594, Z594a	3

Max. Load Torque ³³⁾	Operating Speed		
	50 Hz	60 Hz	
8 Nm	120 s/90°	100 s/90°	1

Operating Angle			
Without stop ends	60°		A
	90°		B
	120°		C

Transmitter		Connection	Output	Wiring diagram	
Without transmitter		-	-	-	A
Potentiometer	Single	-	1 x 100 Ω	Z595	B
			1 x 1 000 Ω		E
			1 x 2 000 Ω		F
Electronic position transmitter ⁵¹⁾	Passive	2-wire	4 - 20 mA	Z595a	S

Mechanical Connection	Flange Size	Coupling Shape ⁶¹⁾		Dimensional Drawing	
Flange ISO 5211	F04	D-9	9x9	P-2126	B
		L-9	9x9		T
		D-11	11x11		A
		L-11	11x11		S
		H-8	8x13		M
		H-9	9x14		G
		H-11	11x14		U

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Additional Equipment		Wiring Diagram		
A	Adjustment of operating angle for required value	-	0	1
B	2 additional position switches S5, S6	Z594a,Z594c	0	2
Permitted combination code: A+B=04				

Notes:

10) Climate resistance according to ISO 9223 / EN ISO 12944-2.

33) The actuator can be loaded with this torque under duty cycle S2 - 15 min, or S4 - 25%, 6 - 90 cycles per hour.

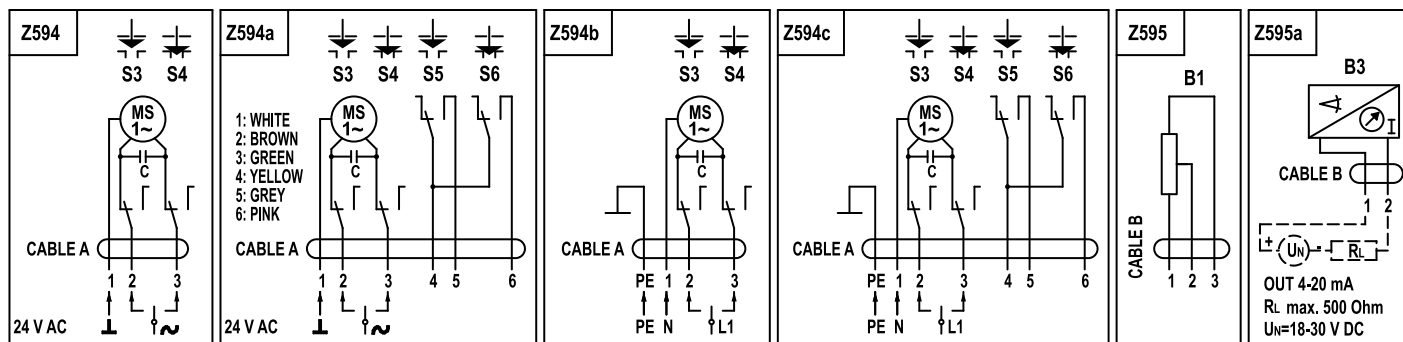
For duty cycle S4 – 25%, 90–1200 cycles per hour, the maximum load torque must be multiplied by 0.4.

At 60 Hz, torque values are reduced by 20%.

51) Not valid for temperatures of -60°C .

61) Connection bore located directly in the output shaft (without replaceable insert).

Wiring diagrams



Electric connection:

via 2 outgoing cables 1 m long:

Cable A- electric motor and switches - 6x0,5 mm²

Cable B - feedback - 3x0,5 mm²

Legenda:

Z594.....connection of a 24 V AC electric motor via a position switch

Z594a.....connection of a 24 V AC electric motor via position switches,
with additional position switches S5 and S6

Z594b.....connection of a 220/230 V AC electric motor via position switches

Z594c.....connection of a 220/230 V AC electric motor via position switches, with additional position switches S5 and S6

Z595.....connection of single potentiometer

Z595a.....connection of a 2-wire electronic position transmitter (passive)

Legenda:

B1.....single potentiometer

B3.....electronic position transmitter

C.....capacitor

I.....output current signal

R_l loading resistor

MS.....1-phase electric motor

S3.....position switch “open”

S4.....position switch “closed”

S5.....additional position switch “open”

S6.....additional position switch “closed”

Dimensional drawing SP MIKRO

