

It simply works!



BKM93 Basic Kombi

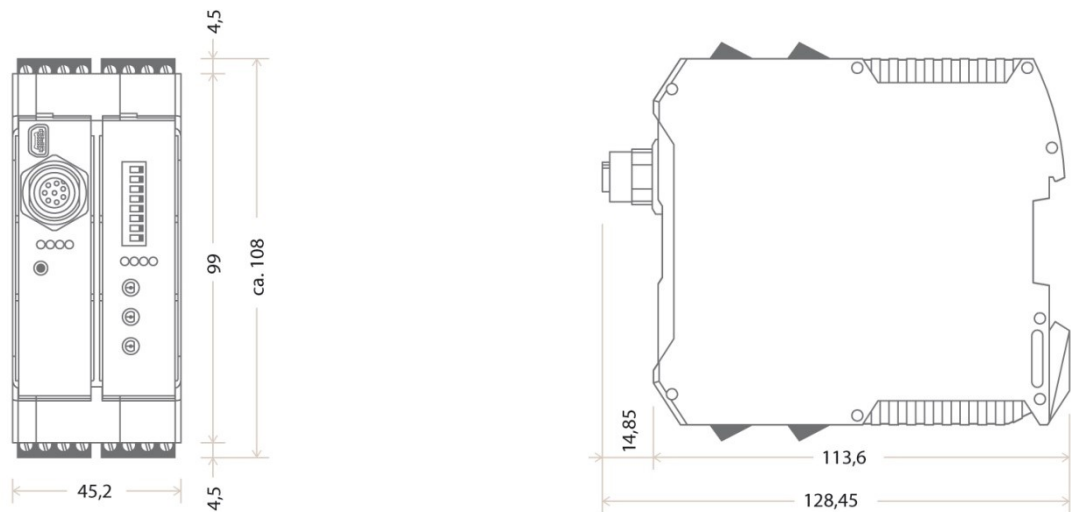
The control units of BK Mikro have got the lot: compact design, powerful functionality and the right connections to the system network – not to forget great flexibility in case of subsequent system adaptations.



Characteristics

- Mini-USB for PC connection
- Digital control inputs (positive or negative logic):
 - 3 x start and teach signal as well as a channel for RL mode
- Digital outputs:
 - 2 x relay (as N/C or N/O contact) with "OK" and "KO" signal
 - 1 x for "CounterLimit"
- 3 rotary switches:
 - Selection of scanner and feeding in the scanning angles (adjustable in 24°-steps from 0° to 360°)
- 8 toggle switches:
 - Selection monitoring type (object or free-space monitoring)
 - Selection rotational direction of wand (right and/or left)
 - Definition of relay outputs (N/C or N/O)
 - Setting of scanning intensity (2 steps)
 - Selection of tolerance range ($\pm 0.1^\circ$ / $\pm 1.0^\circ$ / $\pm 3.0^\circ$ / $\pm 10.0^\circ$)
- Pluggable supply voltage and scanner connection
- 2 x 4 LEDs for current status display
- Teach button

Mechanical Dimensions (mm)



Technical Data

Control unit	BKM93 Basic Kombi
Article no.	63 04 266
Housing	Insulation material, protection class II, built-in type
Protection class	IP 20
Dimensions (W x H x D)	45.2 mm x 99 mm x 113.6 mm
Mounting of housing	Profile rail 35 mm acc. DIN EN 50022
Supply voltage	24 VDC $\pm 20\%$ PELV, $I_{max} = 1$ A
Power consumption	24 VA max.
Control voltage	24 VDC $\pm 20\%$ PELV
Inputs	Galvanically isolated Input current approx. 5 mA Pulse duration 30 ms min.
Switch outputs	2 x electronic relay 24 VDC, 1 A max., unlimited switching cycles 1 x high side switch, $I_{max} = 0.5$ A
Connections	Pluggable screw terminals for voltage supply, relay outputs, control inputs Circular connector, 8 pin (scanner connection) Mini-USB
Climate conditions	acc. class 3K3 acc. EN 50178
Ambient temperature	0 °C to +50 °C
Storage temperature	-20 °C to +80 °C

Version 1.01 Subject to technical changes.