

# It simply works!



## BKM92 Premium Kombi

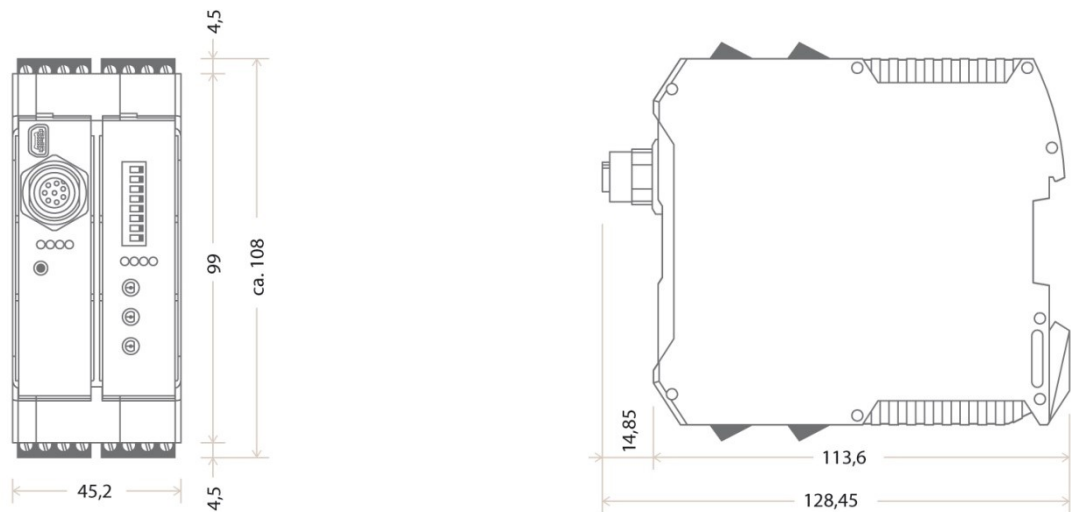
**The control units of BK Mikro have got the lot: compact design, powerful functionality and the right connections to the system network – not to forget great flexibility in case of subsequent system adaptations.**



### Characteristics

- Mini-USB for PC connection
- Digital control inputs (positive or negative logic):
  - 3 x start and teach signal as well as configurable channel
  - 10 x to select/activate up to 512 different positions
- Digital outputs:
  - 2 x relay (as N/C or N/O contact) with "OK" and "KO" signal
  - 2 x for free configuration (active switching function for 24 V signal)
- 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	BKM92 Premium Kombi
Article no.	63 04 257
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 electrical relay 24 VDC, 1 A max., unlimited switching cycles 2 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.