

# It simply works!



## BK Mikro 92 Kombi I/O

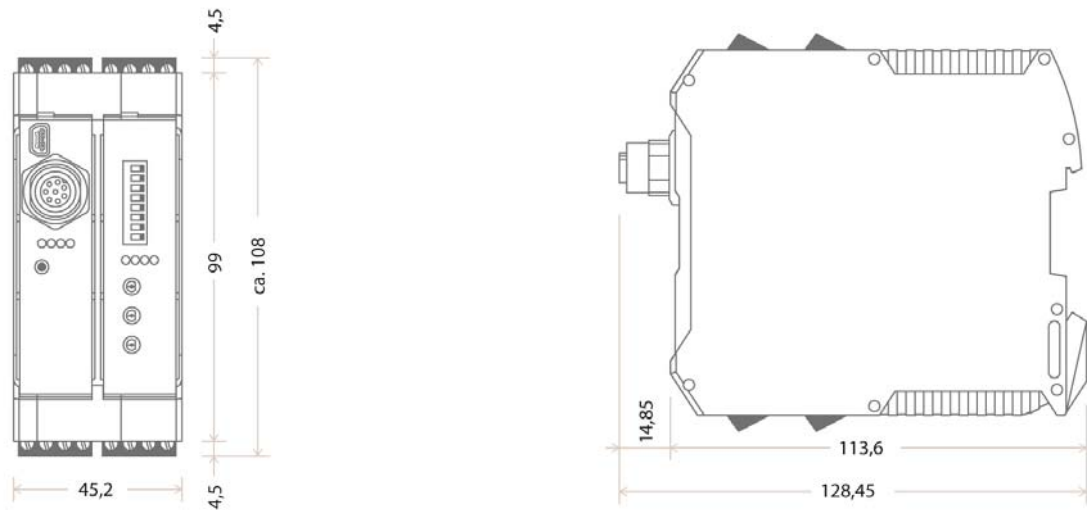
The control units of BK Mikro have got the lot: compact design, powerful functionality and the right connections to the system network – not to forget great flexibility in case of subsequent system adaptations.



### Characteristics:

- Connections: mini-USB
- 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 with “OK” and “KO” signal (as N/C or N/O contact), 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 ( $\pm 0.1^\circ$  /  $\pm 1.0^\circ$  /  $\pm 3.0^\circ$  /  $\pm 10.0^\circ$ )

## Mechanical Dimensions (mm)



## Technical Data

Housing	Insulation material, protection class II, built-in type
Protection Class	IP20
Dimensions (W x H x D)	45.6 mm x 99 mm x 113.6 mm
Mounting of housing	Profile rail 35 mm acc. DIN EN 50022
Supply voltage	24 V DC $\pm 20\%$ PELV, $I_{max} = 0.4$ A
Power consumption	10 VA max.
Control voltage	24 V DC $\pm 20\%$ PELV
Inputs	Galvanically isolated Input current ca. 5 mA Pulse duration 30 ms min.
Switch outputs	2 x relay 30 V DC, 2 A max., $10^5$ switching cycles min., 2 x high side switch, $I_{max} = 0.5$ A
Connections	<ul style="list-style-type: none"> <li>• Pluggable screw terminals for voltage supply, relay outputs, control inputs</li> <li>• Circular connector, 8 pin (scanner connection)</li> <li>• Mini-USB</li> </ul>
Climate conditions	Acc. class 3K3 acc. EN 50178
Ambient temperature	0°C to +50°C
Storage temperature	-20°C to +80°C

Edition 0.1 Subject to technical changes.