

It simply works!



BKM91PB Premium

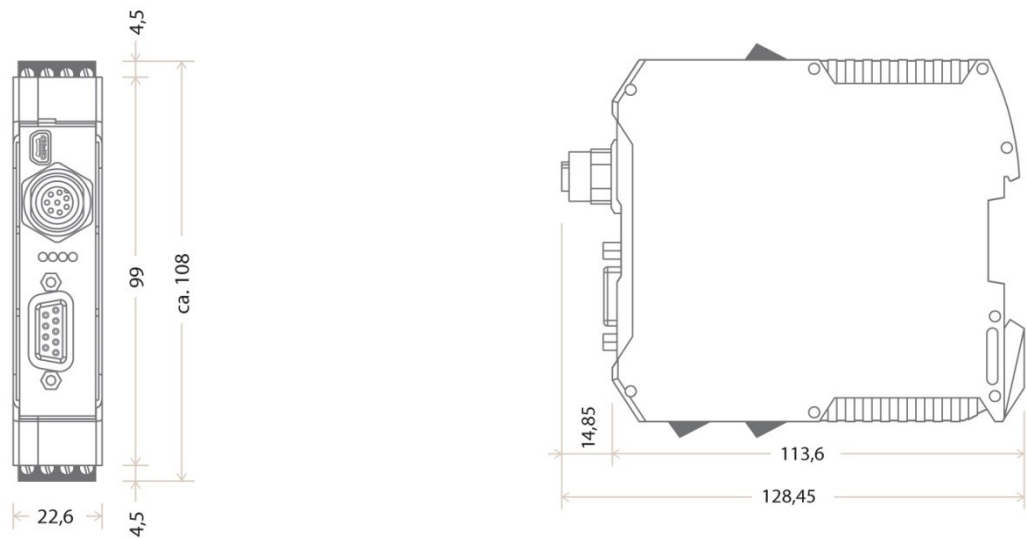
The control units of BK Mikro have got the lot: compact design, powerful functionality and the right connections to the system network – not to forget great flexibility in case of subsequent system adaptations.



Characteristics

- PROFIBUS interface for direct fieldbus connection to machine control
- Mini-USB for PC connection
- 3 digital control inputs (positive or negative logic): start and teach signal as well as configurable channel
- 2 relay outputs (as N/C or N/O contact) with "OK" and "KO" signal
- Pluggable supply voltage and scanner connection
- Opening for top hat rail plug for optional connection of I/O extension module
- 4 LEDs for current status display

Mechanical Dimensions (mm)



Technical Data

Control unit	BKM91PB Premium
Article no.	63 04 242
Housing	Insulation material, protection class II, built-in type
Protection class	IP 20
Dimensions (W x H x D)	22.6 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 relay 30 VDC, 2 A max., 10^5 switching cycles min.
Connections	Pluggable screw terminals for voltage supply, relay outputs, control inputs Circular connector, 8 pin (scanner connection) Mini-USB PROFIBUS (Sub-D-bush, 9 pin)
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.