

## DIGITAL INDICATOR

## EV-94 EB

PRECISION AT FAVOURABLE PRICE

The new digital indicator EV-94 EB is even more precise, faster, more reliable and equipped with additional inputs. It is universally applicable for measuring value display, controlling, monitoring and counting. The vast self-monitoring and self-diagnosis system ensures high operation security. The high precision, the favourable price and easy use results in the EV-94 EB being a safe and economic investment.

- 6 standard signals
- 2 switching outputs (0,2 A / 1A)
- Min./Max.-value memory
- Scale fully adjustable
- Filter digital
- Alarm delay
- Self monitoring- and self-diagnosis system
- Interface EasyBus
- PT100 (3-wire), PT1000 (2-wire)
- Thermo-elements J, K, N, S, T
- Measuring of frequency
- Measuring of rotation speed
- Counter with prescaler
- Easy to use
- Fast controlling and monitoring
- Top quality and competitively priced
- EasyBus, up to 240 instruments



### SPECIFICATIONS

Inputs	
Voltage	0...10 V (max. -1...20 V) 0...50 mV 0...1 V 0...2 V (max. 0...4 V, I < 10 mA)
Current	0/4...20 mA (max. 30 mA)
Outputs	
Interface	Easy-Bus, electrically isolated
Switching Outputs ( 2 )	NPN (max. < 1 A, 30 V) PNP (max. < 0,2 A, 30 V)
Accuracy	
Standard signals	± 0,2%, ± 1 Digit
Supply	9...28 V DC
Current consumption	max. 30 mA
Display	-1999...9999
Dimensions / Panel cut-out	24 x 48 x 72 mm / 21,7 x 45 mm
Weight	approx. 50 g

### ACCESSORIES

- Front IP65 ( O-rings)
- External power supply unit
- Power supply with relay
- Interface converter with EasyBus
- Front panel with 3 keys



### SOFTWARE (WINDOWS)

- Configuration software
- Data recording, archiving (i.e. Excel)

More information and prices on request.

### AREAS OF APPLICATION:

#### Measuring/display...

of temperature, pressure, power, moisture, flow, fill level, roasting, flow rate, pH, redox, oxygen, conductivity, any concentration of gas, in short any parameter.

#### Controlling/monitoring

Two-level controller, three-level controller with min./max. alarm, min./max. alarm supervisions (1 output or 2 individual outputs).

#### Counting/controlling...

of numbers, amounts, rotation, frequencies, impulses, events.

#### Analog-/digital converter

Digitalisation of analog sensor data and transmission to PC by means of EasyBus interface (supplied as standard). Communication of up to 240 sensors and/or EV-94 EB units via a 2-wire interface.

#### Long term monitoring/recording

Recording, analysing and monitoring of any parameter during long-term operation easily and in one process by using a PC with our software.

For detailed specifications see operation manual EV-94 EB.