



DIGITAL INDICATOR

EV-94

MINIATURE-FORMAT TECHNOLOGY 24 x 48 MM

The digital indicator EV-94 is a universal measuring instrument for measuring value display, controlling, monitoring and counting.

A permanently activated self-diagnosis of the EV-94 unit during operating and the fact that it is manufactured using an automatic insertion machine and that it is hardly affected by interference voltages results in the EV-94 unit being an important investment for the future!



- RS 485 interface supplied as standard item
- scale fully adjustable
- self diagnosis (permanently activated)
- self-calibration
- probe damage or probe short-circuit detection, detection if values no longer within min./max. range
- high interference immunity
- filter can be connected if required
- utmost precision
- 9 different inputs selectable
- 2 switching outputs with 6 different output responses for measuring, control and monitoring functions
- alarm delay selectable
- prescaler can be connected for frequency or counter function
- easy to operate
- top quality and competitively priced

SPECIFICATIONS

Signal-Inputs	
• Voltage	0...1 V (max. -0,5...5 V) 0...10 V (max. -1...30 V)
• Current	0/4...20 mA (max. 0...40 mA)
• Frequency	≤ 9999 Hz (max. 0...30 V/50 mA)
• Up/down counter	max. 32'768 pulses
Auxilliary-Outputs	
Digital	RS 485 bidirectional
Switching Outputs	2 x Open Collector NPN max. 28 V / 50 mA
Accuracy	± 0,5%, ± 1 digit
Power Supply (required)	9...28 V
Dimensions	24 x 48 mm
Weight	appr. 50 g

OPTIONS (EXTRA COST):

EBS 9M (9-channel)

Windows Software package, allows EV-94 to be used as recorder, log data over long periods, store data to memory files. Use computer monitor as large digit display. Makes data processing simple, displays measured value or converts to graphs. Printout readings and memory files.

Systems requirements:

min. 386-33, 4 MB RAM, 5 MB hard disk.

Price on request.

GRS 485

Interface converter RS 232 / RS 485 allows connection of up to 16 EV-94 instruments to the serial interface of your computer. Price on request.

AREAS OF APPLICATION:

MEASURING/DISPLAY ...

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

CONTROLLING, MEASURING

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

COUNTING, CONTROLLING

Digitalisation of analog sensor data and transmission to PC by means of RS 485 interface (supplied as standard).
Communication of up to 16 sensors and/or EV-94 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.