



BC96 4...20mA

BC96 4...20mA, Process Indicator

Code: M11831.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Full scale: 4...20 mA
- > Device: BC96
- > Modules: 96x96

Description

- Does not need an auxiliary power supply
- DIN boxes with dimensions: 48, 72, 96 and 144
- Precision class 1.5
- Measurement in DC of 0 ... 10 V, 0/4 ... 20 mA, .../60 mV
- Exchangeable scales for BC48, BC72, BC96, BM 45

Application

For the measurement of the mean value of voltages and currents in direct current circuits, even of the pulsating type, in a vast margin of values.



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Specifications

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 96 x 96 x 4902 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,176 |

Environmental characteristics

| | |
|---------------------|---|
| Protection class | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25...+40 °C |
| Working temperature | +10 ... +30 °C |

Standards

| | |
|---------------------------------------|--|
| Certifications | CE, UL |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | BS 89, UNE-EN 60051, IEC 144, UL94, DIN 43780, IEC 51, UNE 21318 |

Voltage measurement circuit

| | |
|---------------------------------------|-------------------------|
| Consumption | 1000 Ω/V |
| Maximum permanent measurement voltage | 1,2 Vn / 2 Vn during 5s |

Electrical characteristics

| | |
|-----------------------------|--|
| Insulation voltage, circuit | 2 kV a 50Hz < 1 min entre mecanismo y caja |
|-----------------------------|--|

Measurement accuracy

| | |
|----------|----------|
| Accuracy | 1,5 % FE |
|----------|----------|

BC-IP

Process indicators, 90°

| CODE | TYPE | Scale | Accuracy | Modules | Device | Full scale |
|---------|---------------|----------|----------|---------|--------|------------|
| M11813. | BC48 0...10V | 90° , P1 | 1,5 | 48x48 | BC48 | 0...10 V |
| M11812. | BC48 0...20mA | 90° , P1 | 1,5 | 48x48 | BC48 | 0...20 mA |
| M11811. | BC48 4...20mA | 90° , P1 | 1,5 | 48x48 | BC48 | 4...20 mA |
| M11823. | BC72 0...10V | 90° , P1 | 1,5 | 72x72 | BC72 | 0...10 V |
| M11822. | BC72 0...20mA | 90° , P1 | 1,5 | 72x72 | BC72 | 0...20 mA |
| M11821. | BC72 4...20mA | 90° , P1 | 1,5 | 72x72 | BC72 | 4...20 mA |
| M11833. | BC96 0...10V | 90° , P1 | 1,5 | 96x96 | | 0...10 V |
| M11832. | BC96 0...20mA | 90° , P1 | 1,5 | 96x96 | BC96 | 0...20 mA |
| M11831. | BC96 4...20mA | 90° , P1 | 1,5 | 96x96 | BC96 | 4...20 mA |



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|---------|----------------|----------|----------|---------|--------|------------|
| M11843. | BC144 0...10V | 90° , P1 | 1,5 | 144x144 | | 0...10 V |
| M11842. | BC144 0...20mA | 90° , P1 | 1,5 | 144x144 | | 0...20 mA |
| M11841. | BC144 4...20mA | 90° , P1 | 1,5 | 144x144 | | 4...20 mA |

Scales included in the price (*) The 6-digit code includes the 4 ... 20 mA scale



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Connections

