

BC72 4...20mA

BC72 4...20mA, Process Indicator

Code: M11821.

> Scale: 90° , P1
> Accuracy: 1,5
> Full scale: 4...20 mA
> Device: BC72
> Modules: 72x72

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.

Creation date: 28/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



BC72 4...20mA

Process indicators

Code: M11821.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	72 x 72 x 49.2 (mm)
Fastening	Panel
Weight (kg)	0,13

Environmental characteristics

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

Standards

Certifications	CE
Electrical safety, Maximum height (m)	2000
Standards	BS 89, UNE-EN 60051, IEC 144, 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, 90ª

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

Creation date: 28/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



BC72 4...20mA

Process indicators

Code: M11821.

CODE	TYPE	Scale	Accuracy	Modules	Device	Full scale
M11843.	BC144 0...10V	90° , P1	1,5	144x144		0...10 V
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

Creation date: 28/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

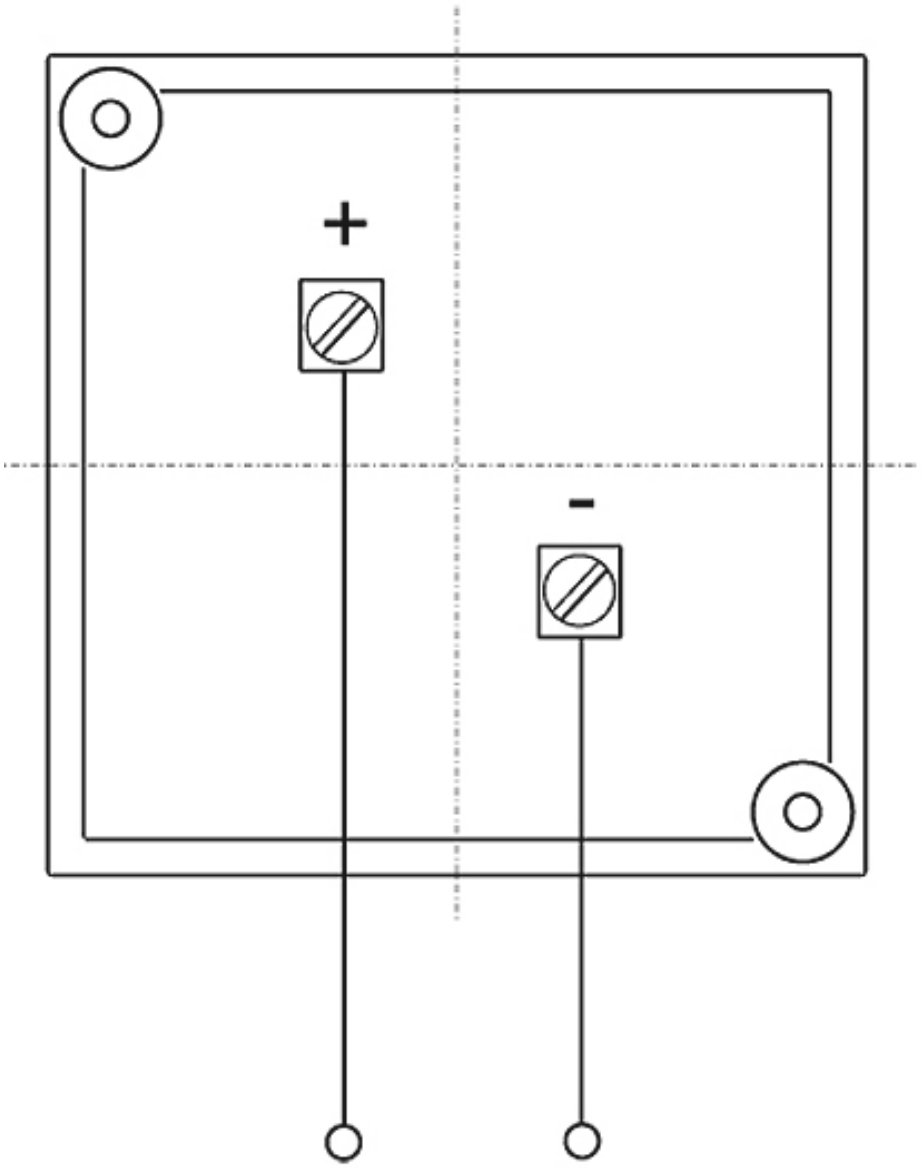


BC72 4...20mA

Process indicators

Code: M11821.

Connections



Creation date: 28/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.