



BM45 4...20mA

BM45 4...20mA, Process Indicator

Code: M11851. DESCATALOGADO

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Full scale: 4...20 mA

Description

- Does not need an auxiliary power supply
- Precision class 1.5
- Measurement in DC of 0 ... 10 V, 0/4 ... 20 mA, .../60 mV
- Exchangeable scales

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	85 x 65 x 52 (mm)
Fastening	DIN rail
Weight (kg)	0,11

Environmental characteristics

Protection class	DIN rail: IP 52 (front), IP 00 (terminals)
Storage temperature	-25...+40 °C
Operating 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
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Measurement accuracy

Accuracy	1,5 % FE
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BMSC-IP

Process indicators, 90°

CODE	TYPE	Scale	Accuracy	Full scale
M11853.	BM45 0...10V	90° , P1	1,5	0...10 V
M11863.	BMSC45 0...10V	90° , P1	1,5	0...10 V
M11852.	BM45 0...20mA	90° , P1	1,5	0...20 mA
M11862.	BMSC45 0...20mA	90° , P1	1,5	0...20 mA
M11851.	BM45 4...20mA	90° , P1	1,5	4...20 mA
M11861.	BMSC45 4...20mA	90° , P1	1,5	4...20 mA

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



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Connections

