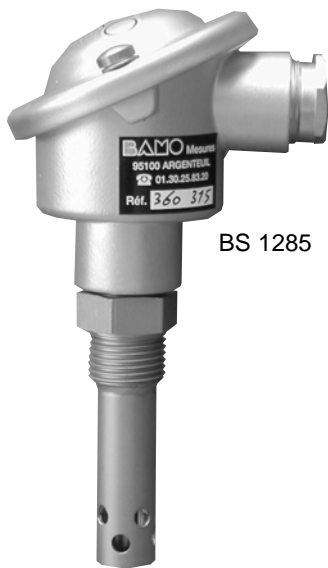


RESISTIVITY-METER 801 ED - 801 MD



BS 1285

- 2 Switchable scales:
 - 0 - 2 MΩ (Centred 100 KΩ)
 - 0 - 20 MΩ (Centred 1 MΩ)
- 1 Adjustable set point
- Volt free change over relay
- Delayed analogic 4-20 mA output

TECHNICAL SPECIFICATIONS

Main power supply	: 230 V / 50-60 Hz 10 VA single phase.
Consumption	: 10 VA
Dilated scales	: 0 - 2 MΩ (Centred 100 KΩ) 0 - 20 MΩ (Centred 1 KΩ)
Probe	: Coefficient C=0,1 (C=1 on request)
Accuracy	: ± 3%
Set-points	: adjustable with potentiometer and push-button
Output relay	: Volt free change over contact rated at 500VA / 220V / 3A Indication with green and red LED
Analog output	: 4 to 20 mA (max. 300 Ω)
Housing	: DIN 72 x 144 mm panel mounting IP 20. Connections with removable wiring connectors. Wall mounting IP 55. Connections with 9 mm cable glands

CODES AND REFERENCES

Code	Reference	Measure	Scale	Mounting
311 100	801 ED	Resistivity	0 - 2 /20 MΩ	Panel
310 100	801 MD	Resistivity	0 - 2 /20 MΩ	Wall
111 950	Transparent Cover IP 55 CV 72 for ED version			



delayed scale

BAMO MESURES

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL
Tél : (+33) 01 30 25 83 20 - Web : www.bamo.fr
Fax : (+33) 01 34 10 16 05 - E-mail : info@bamo.fr

12/02/2003

RESISTIVITY-METER 801 ED - 801 MD

3101101B

RES

310/1

ASSOCIATED PROBES

IN LINE MEASURE

- 360 315 BS 1285 Design: 316 Stainless Steel / PTFE - Connection 1/2" M.G. connection aluminium head
 360 500 BC 1425 Design: 316 Stainless Steel / PTFE - Connection 1/2" M.G. connection aluminium head
 Supplied with 3 M coaxial wire

LINK WIRE

- 368 100 CCA wire Special wire for conductivity or resistivity measure.

OPERATING INSTRUCTIONS

The resistivity meter is factory calibrated. The Set - Point adjustment is made with the potentiometer located in the front face. The probe wires must be separated from any power wires as all measuring wires. Use only the wire type CCA.

SET POINT ADJUSTMENT

Press the membrane switch located on the front, the needle indicates the Set - Point, with the potentiometer adjust the required value.

The relay will switch at this setting, the green LED is on when the measure is higher then the preset value, the LED turns red when the measure is lower then the preset value.

GENERAL CHECK

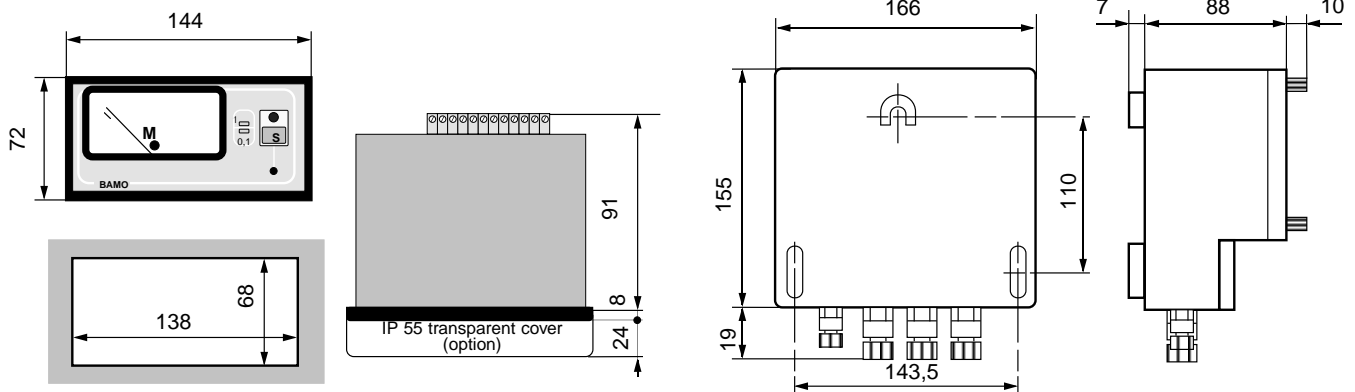
With a short circuit instead of the probe the meter indicates 0.

When the circuit is open the measure is infinite.

A $x\Omega$ resistance provide a $10 x\Omega$ indication.

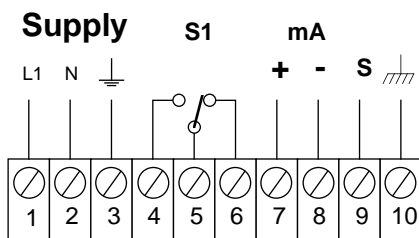
Example: Resistance of $100 K\Omega$ instead of the probe, the meter indicates $1 M\Omega$.

DIMENSIONS

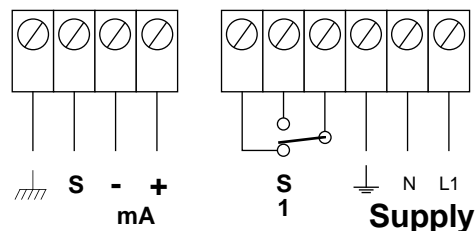


CONNECTIONS

Enclosure box



wall mounting



BAMO MESURES

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL
 Tél : (+33) 01 30 25 83 20 - Web : www.bamo.fr
 Fax : (+33) 01 34 10 16 05 - E-mail : info@bamo.fr

RESISTIVITY-METER
801 ED - 801 MD

12/02/2003

3101101B

RES

310/2