

RESISTIVITY-METER & CONDUCTIVITY-METER BAMOSSET 812 / 912



- Measuring range in Ω or μS
- 2 adjustable volt free output relays
- 0/4 to 20 mA analogic output
- LCD Display
- Associated probes coefficient 0.1
- 812 device type: Resistivity-meter
- 912 device type: Conductivity-meter
- Housing: Enclosure box (DIN 72 X 144)
: IP 55 wall mounting

DESCRIPTION

The resistivity - conductivity meter BAMOSSET 812/ 912 has been developed for simple measuring applications without automatic temperature compensation. If a compensation is required (temperature variations), the BAMOCOR 321 will be imperative (see doc. RES 321).

IP 20 enclosure box (DIN 72 x 144) version or IP 55 wall mounting with a transparent protection cover are available, they work perfectly in all industrial process applications.

ASSOCIATED PROBES

Probes with coefficient 0.1 are recommended for these meters. A complete range is available to measure in line or in immersion (see doc RES 360/2).

TECHNICAL SPECIFICATIONS

Main power supply : 230 V / 60 Hz mono (Autres S/Dde)

Consumption : ≈ 10 VA

Measuring range : Indication 1-10 to define in the order

Resistivity : 1 -10 K Ω up to 2 - 20 M Ω

Conductivity : 0,1 - 1 μS up to 100 - 200 μS

Probes : Coefficient 0,1

Accuracy : $\pm 1\%$

Setting : By pushbutton, with value display

Output relays : 2 Volt free change over contact

rated at 500 VA / 250 V / 3A

High or low adjustable alarm

Analogic output : 0/4 to 20 mA (max. 600 Ω).

Option : Output with galvanic insulating (IG Ref.)

Housings : **IP 20 Enclosure box (DIN 72 x 144)**

2 extractible connector blocks

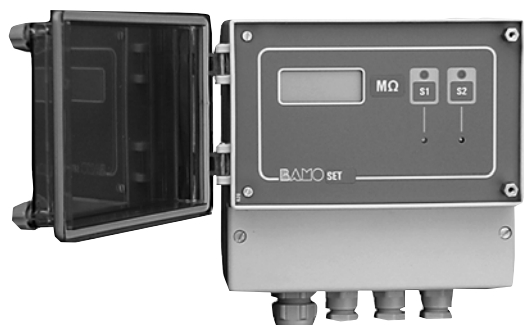
Option : **IP 55 transparent cover with locking by key (CV 72 Ref.)**

IP 55 Wall mounting

Transparent cover with on-hinges mounting

Screwed connector blocks

Connections by 9 mm cable glands



BAMO MESURES

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RESISTIVITY-METER
CONDUCTIVITY-METER
BAMOSSET 812 / 912

RES

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CODES AND REFERENCES

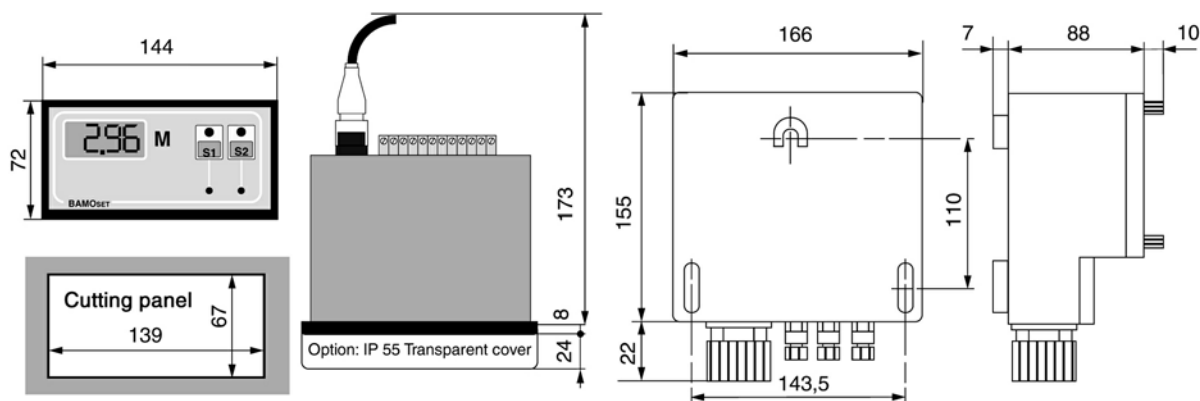
Code	References	Designation
320 300	BAMOSSET 812 ML	Resistivity-meter - IP 55 wall mounting - Power supply 230 V 60 Hz
320 700	BAMOSSET 812 EL	Resistivity-meter - 72 x 144 Enclosure box - Power supply 230 V 60 Hz
320 400	BAMOSSET 912 ML	Conductivity-meter - IP 55 wall mounting - Power supply 230 V 60 Hz
320 800	BAMOSSET 912 EL	Conductivity-meter - 72 x 144 Enclosure box - Power supply 230 V 60 Hz
111 950	CV 72	IP 55 transparent cover with locking by key

STANDARD MEASURING RANGE

Unity	$K\Omega\text{ cm}^{-1}$						$M\Omega\text{ cm}^{-1}$				
812	0-10	0-20	0-50	0-100	0-200	0-500	0-1	0-2	0-5	0-10	0-20

Unity	$\mu S\text{ cm}^{-1}$									
912		0-200	0-100	0-50	0-20	0-10	0-5	0-2	0-1	

DIMENSIONS



WIRERING

The probe connection is made with a BNC connector.
The analog output is proportional to measuring range (0/4 to 20 mA for 0 to 100% of the scale).

CALIBRATION

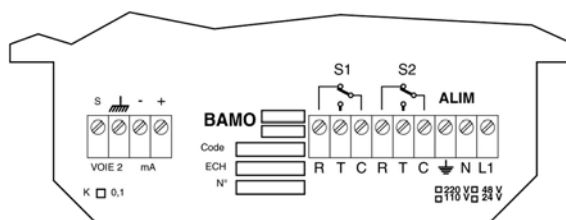
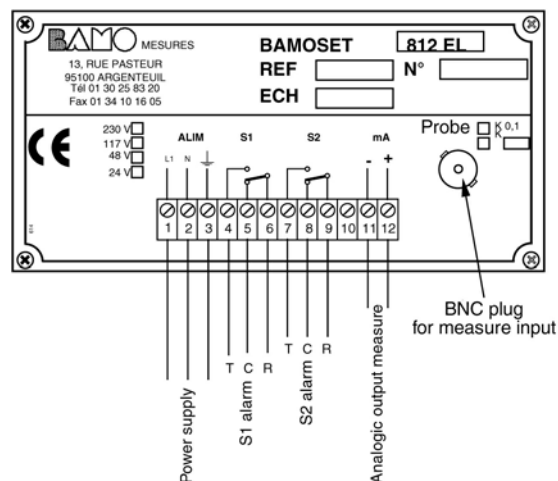
The resistivity - conductivity meters are factory calibrated according to the characteristics required with the order.

The mA output is programmable with dip switches behind the front face for 0 or 4 to 20 mA.

In case of range or scale modification on the analog output, please return the meters to us.

Concerning the need for service, please read the MES note 320.

Our technical service is at your disposal for all complementary information.



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