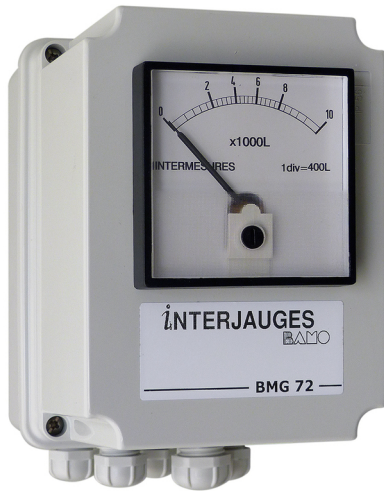


Wall mount galvanometric indicator BMG 72



- Wall mount box IP 55
- Dial 72 x 72
- 1 Analogue input
- 1 Analogue output 0/4-20 mA
- 2 Relay outputs

APPLICATIONS

This galvanometric indicator is designed for local display and control of an analogue input signal. It is particularly well suited for control rooms on diesel-oil stored for generators and boilers.

Lot of additional applications are available: Water storage monitoring, local display of temperature, flow-rate, pressure, etc.

DESCRIPTION

The device integrates an electronic module (CUB-233, data-sheet 233-03) that monitors a galvanometric analogue display for level or volume on the front case. Scales are in % or litres from 0 to 50 l and up to 120 000 l (for cylindrical and parallelepipedic according to EN 12285, NF 88513, etc.) Other parameters and scales on request.

Relays outputs are adjustable all along the measuring scale (thresholds, hysteresis and timer).

There are 5 available cable glands.

Wire connections on terminal block integrated to the case (See picture on page 2).

Supply according to your specifications :

- Graduated scale will be defined according to following table.
- Analogue output will be in conformity to your request: current or voltage.
- Relay outputs will be setup (default) for thresholds, hysteresis and timer (all adjustable on site).

TECHNICAL FEATURES

Wall mount case	Polycarbonate grey; IP 55
Terminal block	13 screw terminals; 4 mm ²
Cable glands	PE 11 (x2) and PE 9 (x3)
Dial - Pointer	Galvanometer 72x72 mm; black pointer
Supply	80 ... 256 V AC - 50/60Hz; 20 ... 240 V DC no polarity
Consumption	< 4 VA
Ambient temperature	-10 ... +45 °C

Integrated electronic: CUB 233

Versatile converter (data sheet 233-02)

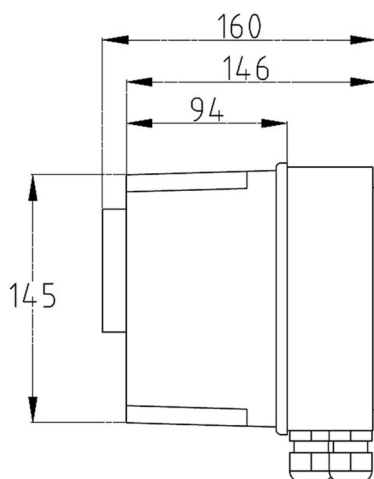
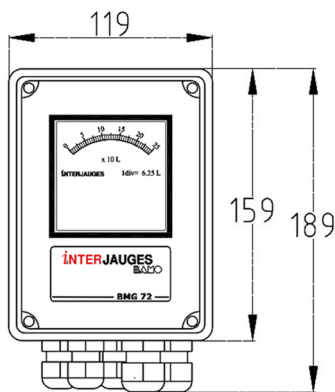
Signal input:

Current	0-20 or 4-20 mA
Potentiometer	From 470 Ohm to 100 kOhm
Other parameters	Voltage, resistor, temperature

Outputs:

Current	0-20 or 4-20 mA (load < 700 Ohms)
Relays x2	Change over - Switching capacity 500 mA / 250 V
Voltage	0-10 V (load > 2 kOhm) - Other on request

EC Conformity: The instrument meets the legal requirements of the current European Directives



CODE NUMBERS AND REFERENCES

Code	Reference	Description
206 700	BMG 72-pot	BMG 72 : Potentiometric input/ 4-20 mA output
206 705	BMG 72-mA	BMG 72 : 2-wire sensor input/ 4-20 mA output
206 735	BMG 72-RGB	BMG 72 : Potentiometric RGB card; no output; Supply: 12 V DC; 24 V DC/AC; 48 V DC (to confirm on P.O.)
206 710	BMA-2S	BMG 72 without indicator: Input type to confirm for factory setup
206 740	BMG 72-2CUB	BMG 72 with 2units CUB 233
206 745	BMA-2CUB	BMG 72 without indicator with 2 units CUB 233; 4 relay outputs; case: 159x149x160 mm

Standard graduated scales, linear for galvanometer NE 72 - Other on request.

Code	Description
206 350	Scale 0...1500 L, Ø 1250 mm
206 351	Scale 0...2000 L, Ø 1250 mm
206 352	Scale 0...3000 L, Ø 1250 mm
206 353	Scale 0...4000 L, Ø 1250 mm
206 354	Scale 0...5000 L, Ø 1500 mm
206 355	Scale 0...6000 L, Ø 1500 mm
206 356	Scale 0...8000 L, Ø 1900 mm
206 357	Scale 0...10000 L Ø 1900 mm
206 358	Scale 0...12000 L, Ø 1900 mm
206 359	Scale 0...15000 L, Ø 1900 mm
206 360	Scale 0...20000 L, Ø 1900 mm
206 361	Scale 0...25000 L, Ø 1900 mm
206 362	Scale 0...30000 L, Ø 1900 mm
206 363	Scale 0...20000 L, Ø 2500 mm
206 364	Scale 0...25000 L, Ø 2500 mm
206 365	Scale 0...30000 L, Ø 2500 mm
206 366	Scale 0...40000 L, Ø 2500 mm
206 367	Scale 0...50000 L, Ø 2500 mm
206 368	Scale 0...60000 L, Ø 2500 mm
206 369	Scale 0...40000 L, Ø 3000 mm
206 370	Scale 0...50000 L, Ø 3000 mm
206 371	Scale 0...60000 L, Ø 3000 mm
206 372	Scale 0...80000 L, Ø 3000 mm
206 373	Scale 0...100000 L, Ø 3000 mm
206 374	Scale 0...120000 L, Ø 3000 mm

Internal view: CUB 233, terminals,
galvanometer.