

PANEL MOUNTING INDICATOR BIR 4000



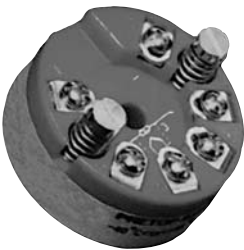
- Analogic signal input, mA or V, DC
- Display 3 ½ digits, red LED 14 mm height
- Small sized housing, 48x96x60 mm
- Front protection IP65
- Removable screw connectors
- Main power supply 115 to 230 V – 50/60 Hz
- Power supply to sensor 24 V DC
- Optional 2 alarm contacts electronic card

DESCRIPTION

The indicator BIR 4000 provides power supply to any sensor through the loop 4-20 mA, indicates the measured value and controls two threshold alarms (optional).

Easy to fit in a cabinet with its small dimensions: DIN 43700 housing, 48 x 96 mm, with 76 mm deep (including the connectors).

Configuration is keyed with an internal strap but readable at anytime.



2 wires transmitter

TECHNICAL FEATURES

Main power supply:	115 / 230 V - 50 / 60 Hz. (other on request)
Sensor power supply:	22 V ±5 - 30 mA – trough the loop 2 wires
Consumption:	3.5 VA
Input signal:	± 10 V DC - 1 MΩ 20 mA - 90 Ω
Ambient temperature:	-10°C...+60°C
Stocking temperature:	-25°C...+85°C
Front protection:	IP65
Accuracy:	±0,1% of reading, ± 3 digits
Net mass:	250 g

Option 2 alarm contacts

Relay output:	8 A / 250 V AC / 2000 VA - 150 V DC / 192 W
Adjustable threshold:	all over the range
Timing:	adjustable from 0 to 99 s
Hysteresis:	adjustable all over the range

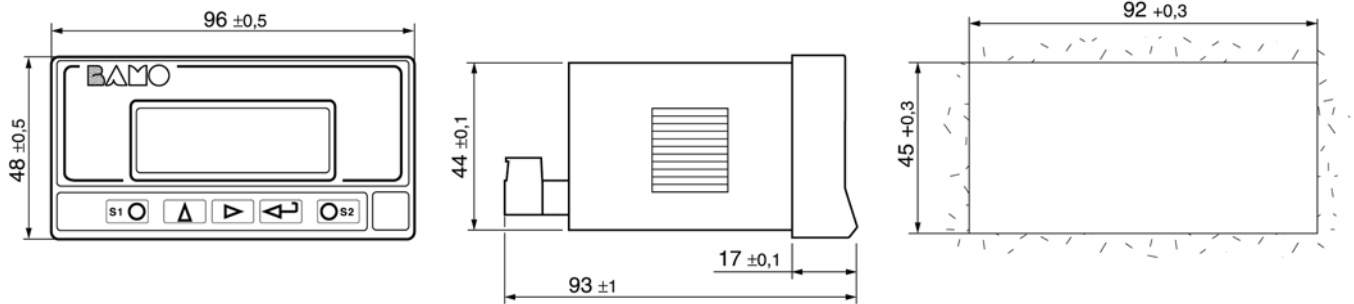


Dedicated to pressure, temperature, level, flow etc...

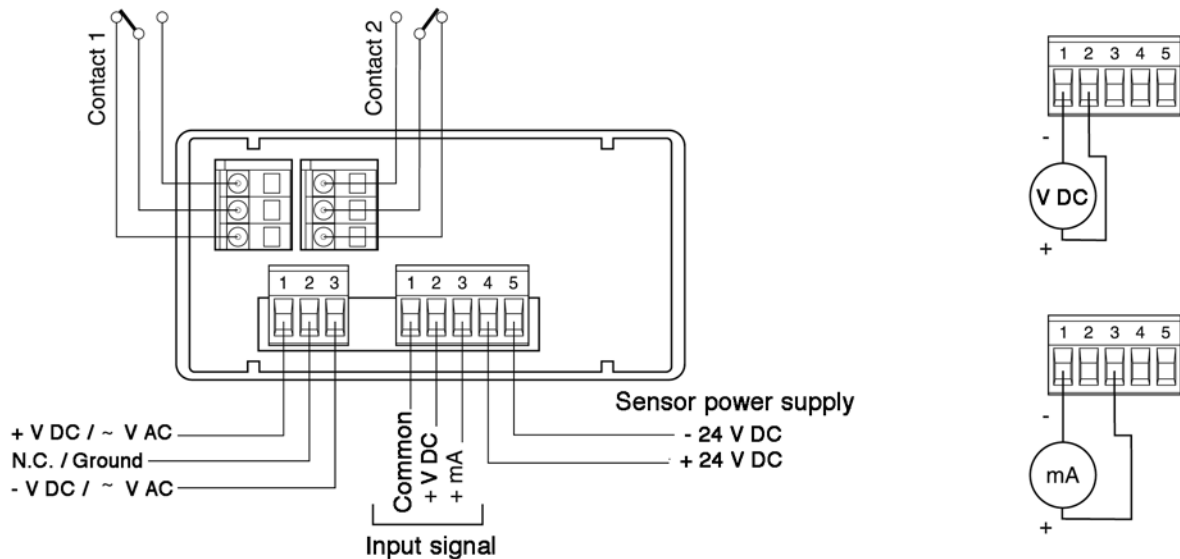
CODES NUMBERS AND REFERENCES

Code	Référence	Designation
220 100	BIR 4000	- Standard Indicator - 115 / 230 V AC
220 110	BIR 4000	- Standard Indicator - 24 / 48 V AC
220 120	BIR 4000	- Standard Indicator - 24 V DC
220 130	BIR 4000	- Standard Indicator - 12 V DC
220 007	2RE	- Optional card 2 alarm contacts

DIMENSIONS



WIRING



CONFIGURATION

Press "return" 2 seconds for entering in programme mode.
The configuration is keyed with a strap inside the instrument.

- Pro** Press again "**return**" to begin the configuration
- U – or – A -** Choose the input signal with "**right**"
- SCA or InP** Choose the way for programming
- SCA** With absolute values through the keyboard
 - InP** Through a direct input signal (simulation)
- InP1** For entering the beginning value of scale, press "**return**"
- 04.00** Change the display with "**high**" (value) and "**high**" (digit), press "**return**" for saving
- dSP1** Enter the value to display with the beginning of scale, press "**return**" for saving
- 00.00** Change the display with "**high**" (value) and "**right**" (digit), press "**return**" for saving
- 00.00** Select the decimal point position with "**right**", press "**return**" for saving
- InP2** For entering the ending value of scale, press "**return**"
- 20.00** Change the display with "**high**" (value) and "**high**" (digit), press "**return**" for saving
- dSP2** Enter the value to display with the ending value of scale, press "**return**" for saving
- 19.99** Change the display with "**high**" (value) and "**high**" (digit), press "**return**" for saving
- Stor** Saving the configuration, after 3 seconds the mode will be back to measurement.

BAMO MESURES

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Panel mounting indicator
BIR 4000

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