

The modular DIGEM 96 x 24 B5 digital indicator is a high precision panel meter with a programmable display range.

The instrument can be used for multiple measuring tasks, depending upon the installed measuring module.

These tasks include:

- ❖ Direct voltage
- ❖ Direct current
- ❖ Alternating voltage
- ❖ Alternating current
- ❖ Temperature

The display range and decimal point can easily be adjusted for the respective measuring tasks.

It is also possible to make subsequent adjustments on site.

The measured values are processed by a microcomputer and displayed on a 7-segment display unit.

The lower and upper display range values can be adjusted with the keys on the front of the panel.

The selected parameters can be protected from unauthorised adjustments through an external contact on the back of the instrument.

Each instrument is equipped with a control input which allows for the storage of display values to memory, and which freezes the current display. The measuring cycle is not influenced by this function.

In the case of the non-programmable variant, the settings are preset at manufacturing time. It is thus only possible to make subsequent changes at the factory.

The unit of measure for the measured quantity is indicated with a small tab that is inserted into a pocket behind the faceplate.

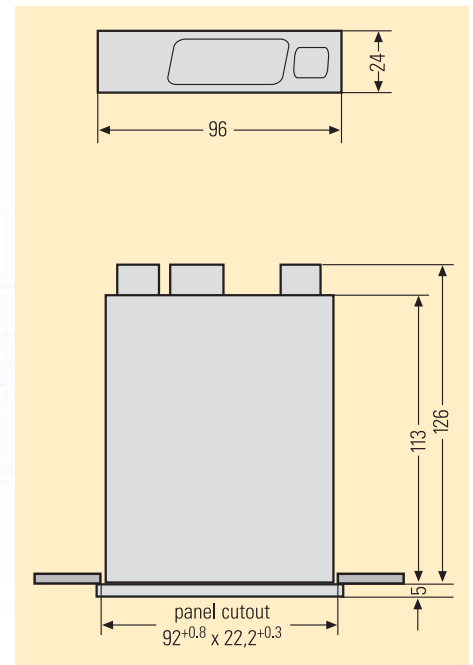
This can be inserted after installation.

DIGEM 96 x 24 B5

4 Place Digital Indicator

Type A1375

- ❖ Front panel dimensions 96 x 24 mm
- ❖ Display range – 1 999 ... 9 999
- ❖ Optimally adaptable to respective measuring tasks through measuring modules
- ❖ Programmable, configuration extremely easy
- ❖ Power supply electronically isolated from measuring circuits
- ❖ Also available with auxiliary power for 2-wire measuring transducers
- ❖ Quick installation with mounting tab
- ❖ Also available as non-programmable instrument



Characteristic Values, DIGEM 96 x 24 B5

Display

Type	7 Segment LED
Display Colour	red
Character Height	14 mm
Display Range	– 1 999 ... 9 999
Polarity	“–” is displayed automatically
Decimal Point	programmable or fixed
Overflow Display	blinking – top dash

Measuring Ranges

Direct Voltage	± 60 mV to ± 300 V
Direct Current	± 2 mA to ± 200 mA
	0 ... 20 mA
	4 ... 20 mA with power supply for 2-wire transducer

Alternating Voltage	0 ... 700 V
Alternating Current	0 ... 200 mA, 0 ... 1 A / 5 A
TRMS Voltage	0 ... 700 V
TRMS Current	0 ... 200 mA, 0 ... 1 A / 5 A
Crest Factor	6 (additional 0,5 % of reading)
Temperature	Pt100
	– 200 ... + 800 °C

Power Supply

	90 ... 230 V AC 50 / 60 Hz
	and 90 ... 260 V DC
	or
	24 V AC 50 / 60 Hz
	and 18 ... 36 V DC

Ambient Conditions

Operating Temperature	0 ... + 50°C
Storage Temperature	– 20 ... + 70°C
Contamination Level	2
Oversvoltage Category	II

Casing

Protection	front panel: IP 54
	rear panel: IP 20
Front Panel frame color	black
Weight	0.21 kg
Installation	quick mounting tabs
Terminals	screw terminal blocks