

DIGEM 96 x 24 BK5

3.5 or 4.5 Place Digital Indicator with LED Display Type A1275

- ❖ Front panel dimensions 96 x 24 mm
- ❖ Red or green LED display, 14 mm high
- ❖ Max. display range, depending on model, $\pm 1\ 999$ and $\pm 19\ 999$
- ❖ Can be optimally adapted to required measurement task with various measurement modules
- ❖ Power supply is electronically isolated from measuring circuit
- ❖ Also available with auxiliary power for 2-wire measuring transducers

The digital display measuring instrument, DIGEM 96 X 24 BK5 is suited for general use in industrial environments and is optimally equipped for the respective measurement tasks by means of modules on the measuring inputs.

This instrument series contains modules for the following measurement tasks:

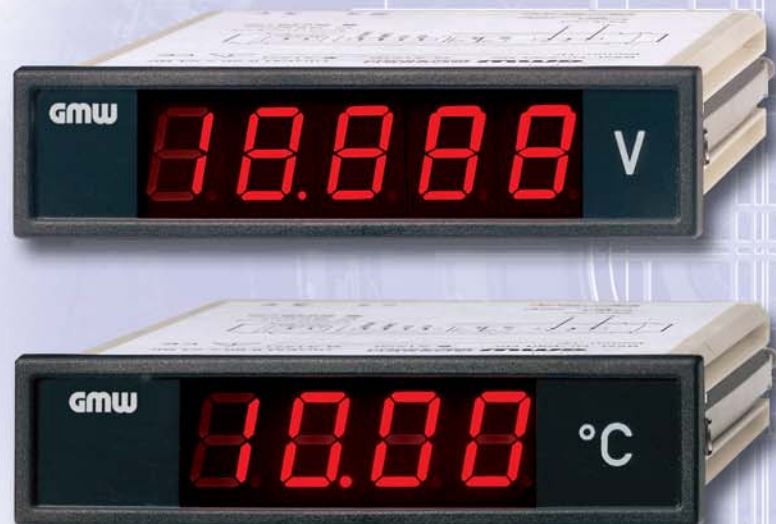
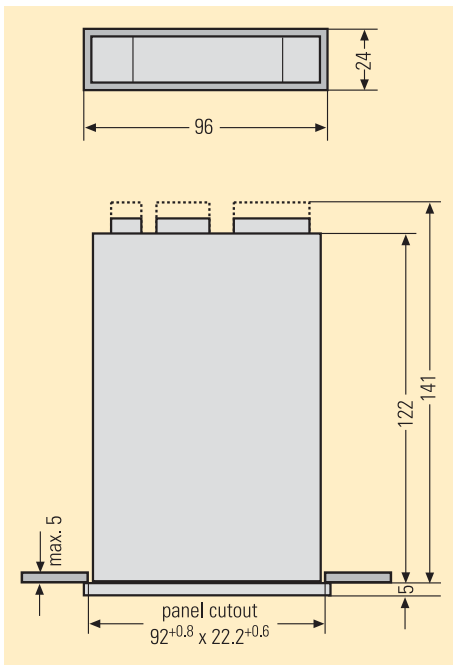
- ❖ Direct current and voltage measurements
- ❖ Direct current 4 ... 20 mA with auxiliary power for 2-wire measuring transducers
- ❖ Alternating current and voltage measurements, sinusoidal
- ❖ Alternating current and voltage measurements, TRMS
- ❖ Temperature measurements

The DIGEM 96 X 24 BK5 consists of a precision DC voltmeter that can be adjusted to the required measuring task by the installed measuring module.

A suitable measuring module is fitted to each instrument. This is detailed on the serial plate.

The power supply is electronically isolated from the measuring circuit and amounts to, depending on the model, 90...230 V AC or 18...36 V DC / 24 V AC.

The extra functions, display hold, segment test and brightness control are all included in each instrument. The inputs for the control of these functions are electronically connected to the meter input.



Characteristic Values, DIGEM 96 x 24 BK5

Display

Type	7 Segment LED
Display Colour	red, optionally green
Character Height	14 mm
Display Range	3 1/2 digit $\pm 1\ 999$ 4 1/2 digit $\pm 19\ 999$
Polarity	"-" is displayed automatically
Decimal Point	internally fixed
Overflow Display	3 1/2 digit: "1...." 4 1/2 digit: display blinking

Measuring Range

Direct Voltage	$\pm 60\ \text{mV}$ to $\pm 300\ \text{V}$
Direct Current	$\pm 2\ \text{mA}$ to $\pm 200\ \text{mA}$ 0 ... 20 mA 4 ... 20 mA with power supply for 2-wire transducer

Alternating Voltage	0 ... 2 V to 0 ... 250 V
TRMS Voltage	0 ... 2 V to 0 ... 250 V
Alternating Current	0 ... 200 mA, 0 ... 1 A / 5 A
TRMS Current	0 ... 200 mA, 0 ... 1 A / 5 A
Temperature	Pt100 - 50 ... 199,9°C and - 200 ... 800°C

Power Supply

	90 ... 230 V AC 50 / 60 Hz or 18 ... 36 V DC / 24 V AC
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Ambient Conditions

Operating Temperature	0 ... + 50 °C
Storage Temperature	- 20 ... + 70 °C
Relative Humidity	max. 85%
Contamination Level	2
Overvoltage Category	II

Casing

Protection	front panel: IP 50 rear panel: IP 20
Material	polycarbonate
Bezel	black, optionally grey, light grey or pebble grey
Installation Depth	max. 141 mm
Weight	max. 0.22 kg
Installation	Metal slider
Terminals	screw terminal blocks option: flat plug