

DINALOG A 144 x 36

Programmable quasi-analogue bar graph meters

Single display

The measured value is displayed on a light bar, and simultaneously on the digital display.

For models which have limit settings, you can read the defined limits clearly on a second light bar alongside the measured value.

Therefore, you have a clear overview of the difference between the measured value and the limit values.

Double display

The measured values are displayed on two light bars side by side. You can select one measured value to be displayed simultaneously on the digital display.

A LED at the beginning of the respective light bar scale, shows you which measured value is being displayed by the digital display.

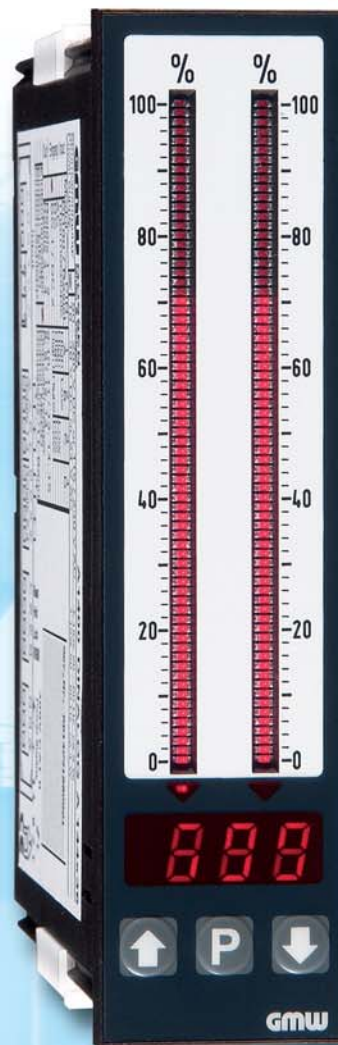
- 71 segments
- With a scale length of 91 mm, the measured value is displayed with a precision which is better than class 1.5.

Alarm messages:

Additional LEDs on the scale indicate when limits are exceeded.

The small installation depth of less than 127 mm enables installation into practically any control cabinet.

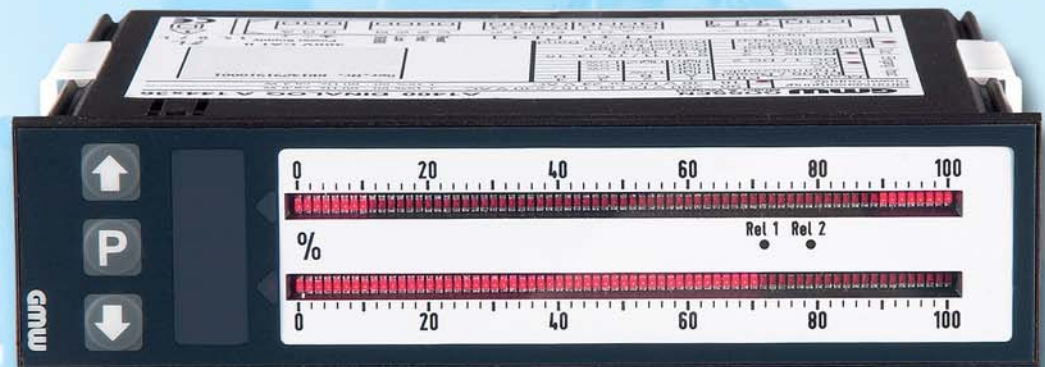
- Front dimensions:
144 x 36 mm to
DIN 43718



Bar graph displays serve to display measurement signals visually. It is generally possible to connect sensors directly, or via measuring transducers. Depending on the visual resolution of the values to be displayed, bar graph displays are subdivided into trend indicators, overview indicators, and measuring instruments.

Regulations and standards

Our bar graph displays comply with the regulations defined by the European Directives 73/23/EEC and 89/336/EEC, as verified by compliance with the following standards:
DIN/IEC 61 554 (housing)
IEC/EN 61 010-1:2001,
VDE 0411, Part 1
(safety regulations)
IEC/EN 61 326-1/+A1
(interference resistance)
IEC/EN 61 326-1/+A1
(emitted interference)
EN 60 529 (protection class)



Technical characteristics – DINALOG A 144 x 36

Display		AC voltage	0...0.2 V to 0...300 V and 700 V
Type	LED	AC current	0...2 mA to 0...200 mA and 0...1 A; 0...5 A
Light colour	Red or green	Temperature	Via Pt100 or via thermocouples, types: J, K, R or S
Analogue	71 Segments	Resistance	0...200 Ω to 0...20 kΩ
Digital	3-character 7-segment display with polarity indicator	Supply voltages	230 V/115 V AC/ 90...260 V DC or 24 V AC/18...36 V DC
Digit height	Approximately 8 mm	Outputs for limit monitors	
Scale		2 relays	Each with change-over contact
Format	144 x 36 mm, vertical or horizontal (horizontal format without digital display)	2 additional relays	Each with NO contact
Scale length	91 mm	Switching capacity	5 A/250 V AC, 5 A/30 V DC
Scale colour	White or black	Switching time	Max. 200 ms
Measuring ranges			
DC voltage	0...2 V to 0...300 V and ±2V to ±300 V		
DC current	0...4...20 mA 0...0.2 mA to 0...200 mA and ±0.2 mA to ±200 mA		