

NMA 9

Line, measurement and storage device



The NMA 9 is used to log line measurement programmes, such as those used in an NMG inclinometer or an HPG hydrostatic settlement meter. With this device you can log analogue and digital sensors from GLÖTZL without the need of a connection to the power grid. The main benefits of this device are its easy handling and outstanding robustness for everyday use on the building site and the fact that it is so simple and easy to operate. The NMA 9 has a measuring point management system that clearly identifies individual measurements. When measurements have been completed, the memory is read out via our GLNP PC software and the measured values are displayed and evaluated graphically.

Functions

The following measuring devices can be connected:

- NMG analogue probe vertical
- NMGH analogue probe, horizontal
- NMG D digital probe, vertical
- NMGH D digital probe, horizontal with temp.
- HPG (hydrostatic settlement meter)

Supported measurement sequences:

- 1-0 1-0
- 0-1 0-1
- 0-1 1-0
- 1-0 0-1
- 1-0
- 0-1
- 0-11-0 0-11-0 SNCF*

Supported probe lengths:

0.5 m, 1.0 m, 2.0 m, 3.0 m, 4.0 m, 5.0 m, 10.0 m

Depth: 1 - maximum 999.5 m

Accessories

- Leather bag
- Transfer cable NMA-PC
- Battery charging cable 12 V with car plug
- Grid charging cable

*(only for inclinometer)

Technical specifications:

Data transfer:	9600 or 38400 baud
Language:	German, French, English
Data memory:	for 100 measurement series
AD conversion:	16 bits
Display:	2x20 characters illuminated
Protection type:	IP65 (spray water)
Dimensions (mm)	175x115x140 (LxWxH)
Weight:	2.2 kg
Power supply:	5 x 1.2 V / 4500 mAh NiMh batteries
Power consumption at 230V/50Hz:	0.1 A
Resolution NMG / NMGD:	0.0001 (sin)
Resolution HPG:	either cm or mm
Temperature range:	-5 to +45°C
Batteries:	NiMh integrated
Battery life:	min. 9 hours in continuous operation
Charging time:	3 hours

Extras

- Battery display
- Display of difference error
- Internal clock and calendar
- Direct measurement for all probe/HPG types
- Display of remaining memory