

MGN

Mobile Building Inclinometer



The MGN Mobile Building Inclinometer with wall bracket features a high-precision servo-accelerometer sensors with a measuring range of $\pm 10^\circ$ and a resolution of 0.01 mm/m for measured values. It is used to record the slightest change in a structure's inclination. Equipped with a sensor for measuring axis x and a temperature sensor, the MGN Mobile tiltmeter records inclinations at right angles to the mounting surface. Also available is the MGN Mobile Building Inclinometer as 2-axis sensor for measuring in x and y directions for uncompromisingly accurate measuring data.

Technical data	MGN
Measuring axes:	2
Measuring range:	$\pm 10^\circ$ (Standard) further upon request
Resolution:	± 0.01 mm/m (for 10° measuring range)
Temperature coefficient: Zero point:	<0.1 mm/m/K
Temperature coefficient: Sensitivity:	<0.1 mm/m/K
Shock load:	100 g
Operating temperature:	-20 up to +80 °C
Protection class (IP code):	IP 68

Measuring hand held unit

- NMA 9



Fig.: NMA 9 Reading Unit



Fig.: GN30 alternative for fixed installation

