

WYLER AG - Inclination Measuring Systems

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Outside Switzerland:

Please contact our representatives, info at
www.wylerag.com/en/contact/representatives

Thank you for choosing WYLER!

Read this quick reference before start working with the BlueMETER SIGMA.

Please follow the safety instructions at all times.

Brand and type

Brand	BlueMETER SIGMA	Type	016F004-002 or 016-004-002
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Safety instructions

The BlueMETER SIGMA complies with the applicable directives and standards, see:

- The nameplate on the back of the device
- Declaration of Conformity (DoC) at www.wylerag.com

Intended use

- The BlueMETER SIGMA is designed exclusively for measuring inclination angles.
- **Attention: This device was designed solely for this and no other purpose!**

Non-intended use**WARNING**

- **Do not use the BlueMETER SIGMA near sources of strong electromagnetic energy radiation (e.g. unshielded radio frequency source), as they can interfere with the operation.**
- **The device must not be exposed to splashing and condensation water.**

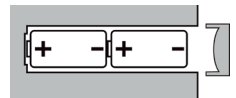
Technical data

Dimensions L x W x H:	152 x 96 x 34/40 mm
Storage temperature:	-20 ... 70 °C
Operation temperature:	0 ... 40 °C

Weight (with batteries):	0.85 kg
Batteries:	2x 1.5 V, size C
External power supply:	12 ... 48 V DC

Inserting and replacing the batteries

- Battery cover with bayonet lock
- Note polarisation

**Scope of delivery** (accessories see www.wylerag.com)

- BlueMETER SIGMA with/without radio
- 2 batteries 1.5 V, size C
- Quick reference
- Optional: Case for storage and transport

Decommissioning, disposal**WARNING**

- When decommissioning the BlueMETER SIGMA, please follow the local regulations for disposal of electronic waste.
- The batteries must be removed from the device before separately disposed.

Control elements and display

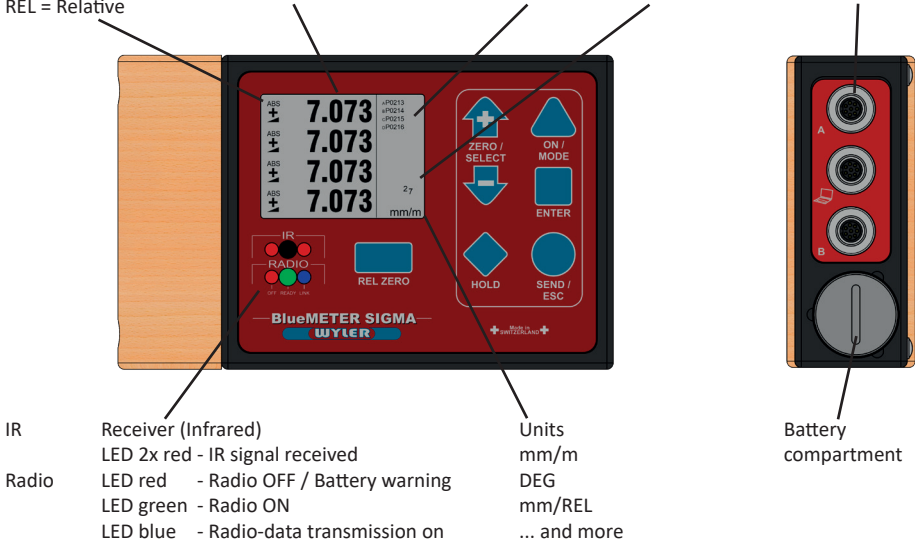
Measurement mode
ABS = Absolut
REL = Relative

Current measured value in the selected unit with the respective inclination sign

Serial number serves as identification

Current battery voltage

wyBus connections
A, B - RS485
PC - RS232



Switching on and off

- Switching on: Press ON/MODE and ZERO/SELECT button until 5 LEDs light up. After approx. 60 minutes without triggering, the BlueMETER SIGMA switches off automatically.
- Switching off: Press and hold the ON/MODE button for 5 seconds, then release.
- Deactivating the automatic switch-off: When switching on, press and hold the buttons until the LEDs flash.

Menu functions

- SENSOR - Adjustment of the measuring mode and assigning the measuring devices and sensors
- REFRESH - Searches for and registers connected devices and sensors
- ABSOLUTE - Stored ABS-ZERO offset is active. ABS measurement mode is active
- REL ZERO - Display is set to zero, REL measurement mode is active.
- DISPLAY - Selection of the display graph
- UNIT - Selection of the measuring unit displayed
- ABS ZERO - Reversal measurement is started, determine and save new ABS-ZERO offset
- LIMITS - Switching on and setting limit values
- FILTER - Setting the measured value filter type, standard is type 3
- JOIN - Grouping devices
- LEAVE - Deleting a grouping
- OPTIONS - Advanced settings

For more information, read the operating instructions at www.wylerag.com.

Subject to technical changes