



CAN-Inclinometer

Extreme compact inclinometer with CAN-interface, to be used in mobile applications.

As the inclinometers are manufactured without any moving parts, they are suitable to be used in mobile applications with extreme shocks and vibrations. The compact design admits the mounting on nearly every location. The available measuring ranges have been especially aligned to the requirements of cranes and aerial work platforms.

Technical data

Measuring ranges

- Two axes, +/- 20°
- Two axes, +/- 45°
- Two axes, +/- 60°
- One axis, 360°

Analog output

- Current output: 4...20 mA
- Mid current: 12 mA +/- 0,1 mA
- Measuring tolerance: 0,4%
- Operating voltage: 9...30V
- Operating temperature: -40°C...+85°C

CANbus-Interface

- High speed CANbus-Interface with CANopen Protocol
- Baudrates: 20 kBit/s...1 MBit/s
- 2x M12 connectors (CAN-in, CAN-out)
- Operating voltage: 10...30V
- Operating temperature: -40°C...+80°C

General

- Shock and vibration proof
- EMC-proof according to automotive norms
- Environmental protection according to IP67
- Dimensions: 91x61mm

Order codes

Inclinometer

- | | |
|---------------------------|-------------|
| CAN-Bus, two axes, +/-20° | 4305.18.020 |
| CAN-Bus, two axes, +/-45° | 4305.18.045 |
| CAN-Bus, two axes, +/-60° | 4305.18.060 |
| CAN-Bus, one axis, 360° | 4305.18.360 |

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Accessories

- Analog cable set
- CANbus cable set
- Mounting plate
- Termination resistor