

SE 200.23

MEC - Distance measurement



Specification

- [1] smart, communication-enabled component: distance measurement with electronic module for data acquisition and measured value display
- [2] position adjusted in the GUNT software via drag & drop
- [3] automatic adjustment of the angle according to measurement task
- [4] can be installed horizontally or vertically by means of a click system
- [5] quick-release fastener for fast and safe installation in the SE 200 mounting frame, without cabling
- [6] automatic identification and assignment of distance measurement during setup and experimentation
- [7] measurement of distances and automatic transmission of the measurement direction
- [8] measured values displayed directly on the distance measurement and in the respective GUNT software

Technical data

Lengths:

- long leg: 175mm
- short leg: 2x130mm
- measuring head: 150mm

Measuring ranges

- length: 0...25mm
- angle: 0...360°

LxWxH: 600x400x200mm (storage system)

Weight: approx. 3,5kg (total)

Description

- **smart, communication-enabled component for distance measurement**
- **Plug&Play: wireless and digital connection of components with automatic identification with position and alignment**
- **automatic transmission of the measurement direction**

Forces, moments and displacements are measured using the appropriate accessories to record the loads on the experimental setups within the MEC Line. This distance measurement is used to record displacements. The SE 200.23 distance measurement can be used for various experiments in combination with other accessories and is one of the smart, communication-enabled components. The distance measurement is mounted horizontally or vertically in the SE 200 mounting frame with a quick-release fastener at a free position.

The mounting frame provides direct and wireless data transmission and power supply for the smart components.

The distance measurement is equipped with an electronic module. In experiments, the distance is measured and displayed as a measured value both directly on the distance measurement and in the GUNT software. An integrated angle measurement is used to determine the measurement direction. The articulated arm with a long range enables a wide range of measurements.

The GUNT software identifies the position and direction of the installed distance measurement and reacts dynamically to changes. The position can be adjusted in the GUNT software via drag & drop. The measured values are analysed in real time. The distance measurement is clearly laid out and well protected in a storage system.

Required for operation

Accessories from the GUNT MEC Line series

Scope of delivery

- 1 distance measurement
- 1 storage system with foam inlay

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Required accessories

SE 200	MEC - Frame digital & smart
SE 200.01	MEC - Forces in trusses