

## CLINOMETER ECS110BL

### Application

Portable electronic instrument of high precision for measuring of inclination and changing in inclination of structures.

### Description

The sensor is based on the pendulum characteristics of a mass disk, of which the movement is capacitively measured. The sensor is mounted on a stable, high precise ground base plate. This base plate allows a repeatable placement of the instrument on the set plates.

### Accessories

The measuring places can be equipped with two different types of set plates on which a reverse measurement is guaranteed:

- **Set plate ESTF**  
For horizontal installation, incl. protective cover.
- **Set plate ESTFW**  
For installation at a vertical wall, incl. protective cover.



### Technical Data

Type	ECS110BL
Measuring base	110 mm
Measuring range	±20 mm/m
Resolution	0.001 mm/m
Limits of error < 0.5 FS	max. 1% of measured value
Limits of error > 0.5 FS	max. 1% of (2 x measured value – 0.5 x FS)
Temperature error/°C	max. 0.1% FS
Display	within 3 sec
Power supply	2 x 1.5 V Alkaline type C (LR14)
Working temperature	0...+40 °C
Storage temperature	-20...+70 °C