

High Ohm Floor Electrode

FBE 3 and FBE 4

for measurement of floor covering and installed floors according to standard DIN IEC 61340-4-1



- ▶ high grade steel quality (V2A)
- ▶ measuring area FBE 3: high grade steel quality (V2A)
- ▶ measuring area FBE 4: conductive elastomer
- ▶ measuring area diameter: 65 mm
- ▶ weight FBE 3: 5 kg
- ▶ weight FBE 4: 2,5 kg
- ▶ BNC-connector
- ▶ max. test voltage: 500 V
- ▶ recommended measuring range:

at 100 V test voltage	10^5 bis 10^{15} Ohm
at 500 V test voltage	10^6 bis 10^{15} Ohm
at 1 V test voltage	10^3 bis 10^{13} Ohm

accessories:

insulating plate PMMA 600 x 600 x 5 mm
 earth plate V2A 600 x 600 x 6 mm
 High-Ohm Measuring cable set

The floor electrodes FBE 3 and FBE 4 are suitable for a variety of measurements of surface and volume resistances.

resistance against earth, measured with a single electrode between earth or providing grounding point, which are mounted on the running side of a floor covering or floor laid.

Surface resistance between two points, measured between two electrodes which are mounted on the running side of a floor covering or floor laid.

Volume resistance, measured between a single electrode which is disposed on the running side of a floor covering, and its rear side.

In conjunction with the ohmmeters Milli-TO 3 and TO-3 are high-precision measurements in the highohm range possible.



Volume resistance measurement with FBE 4 and earth plate GP 14 (optional) and Milli-TO 3