

■ Measurement of Electric Underfloor Heating

Guide: Measuring Electric Underfloor Heating

Follow the steps below carefully to correctly measure your electric underfloor heating using a multimeter.

■ Required Materials

- 1 Multimeter
- 2 Electric underfloor heating (not yet connected to thermostat or power supply)
- 3 Warranty form

■ Step-by-Step Instructions

Step 1: Check the connection

Make sure the cables of the heating mat are not connected to the power supply or thermostat.

Step 2: Set up the multimeter

Set the multimeter to the lowest Ohm range (usually the 200 Ω setting).

Step 3: Make the connections

Perform the following measurements:

1. Measure between the brown and blue wire. → Record the measured resistance.
2. Measure between the brown wire and the earth wire (yellow/green). → No reading should appear (the multimeter should show infinity or 'OL').
3. Measure between the blue wire and the earth wire (yellow/green). → Again, no reading should appear.

Step 4: Record the readings

Write all measured values clearly on the warranty form. Compare your measurements with the specifications in the product manual. **Send the completed warranty form to us** to activate your warranty.

■■ Important Notes

- 1 The measured value between brown and blue should match the resistance specified in the product specifications.
- 2 If the value differs by more than $\pm 5\%$ from the specified resistance → Contact us immediately.
- 3 If you measure 0 (= zero) Ohms between brown and blue → This indicates a cable break – contact us immediately.
- 4 If you measure any value between the earth wire and the brown or blue wire → This indicates leakage current or a damaged cable. Do not use the mat and contact us immediately.
- 5 If in doubt or if the readings differ from the specifications, always consult a qualified specialist.