



# Mapeheat™

## Fault Sensor

### Electrical Fault Indicator for Mapeheat Floor Heating



### DESCRIPTION

Mapeheat Fault Sensor simultaneously monitors the hot, neutral and ground wires during installation of Mapeheat radiant-floor-heating products.

### FEATURES AND BENEFITS

- Safeguards heating system during installation
- Illuminates and sounds alarm if floor-heating system is damaged during installation
- Compatible with 120 V and 240 V floor-heating products
- Batteries included

### LIMITATIONS

- Use of Mapeheat Fault Sensor does not replace insulation and resistance tests, which must be completed before, during and after installation.

### PRODUCT USE

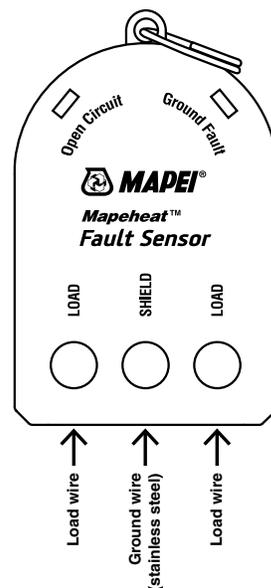
Mapeheat Fault Sensor is compatible with Mapeheat Cable and Mapeheat Mat. Read all installation instructions thoroughly before installation.

1. Press the center black button to insert the ground wire (a stainless steel braid) of the heating element into Mapeheat Fault Sensor's center hole (marked "Shield"). Then release the black button to secure the wire.
2. Press the left and right black buttons to insert the load wires into Mapeheat Fault Sensor's left and right holes (marked "Load"). Then release the black buttons to secure the wires. When the load and ground wires are properly inserted into Mapeheat Fault Sensor wire holes, Mapeheat Fault Sensor will produce one of two alarms:

- For load wire damage or an incomplete circuit of the load wires: A single-tone alarm will sound, and the "Open Circuit" light will illuminate.
- For ground wire damage: A dual-tone alarm will sound, and the "Ground Fault" light will illuminate.

Note: 120 V versions of Mapeheat Cable and Mapeheat Mat have white and black load wires. 240 V versions of Mapeheat Cable and Mapeheat Mat have red and black load wires. There are no polarity requirements, meaning each wire can be inserted into either side.

3. Mapeheat Fault Sensor should be connected throughout the installation of Mapeheat Cable or Mapeheat Mat. If multiple heating systems are being installed simultaneously, a separate Mapeheat Fault Sensor must be used for each heating system.



# Mapeheat Fault Sensor



For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact [sustainability\\_USA@mapei.com](mailto:sustainability_USA@mapei.com) (USA) or [sustainability-durabilite@mapei.com](mailto:sustainability-durabilite@mapei.com) (Canada).

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Before using, the user must determine the suitability of our products for the intended use,

and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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**Edition Date:** January 15, 2020

MK 3000353 (19-2717)

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