Manuals+ — User Manuals Simplified.

ESM-10 Room Sensor

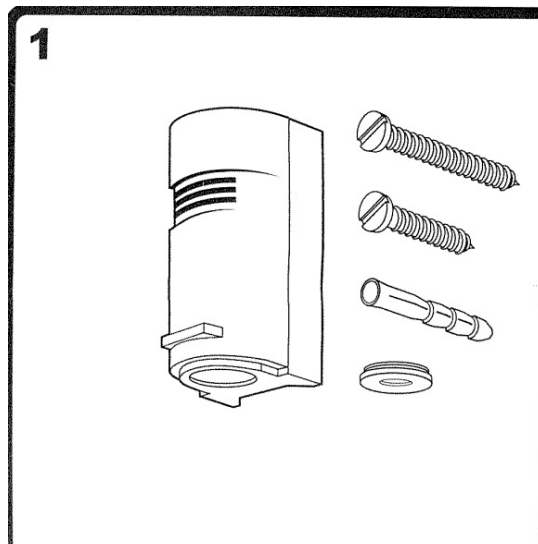# Danfoss ESM-10 Room Sensor Instruction Manual
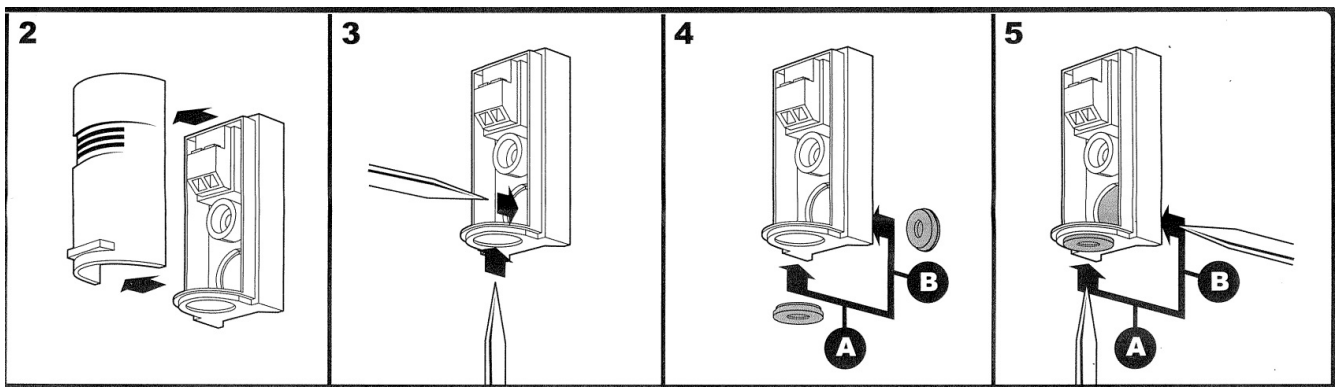
Contents

Danfoss ESM-10 Room Sensor

Installation Steps

1. Remove the cover of the sensor by unscrewing the screws.
2. Open the sensor casing by sliding it apart.
3. Insert the wiring through the bottom of the sensor casing.
4. Connect the wires to the terminals inside the sensor. Ensure correct polarity.
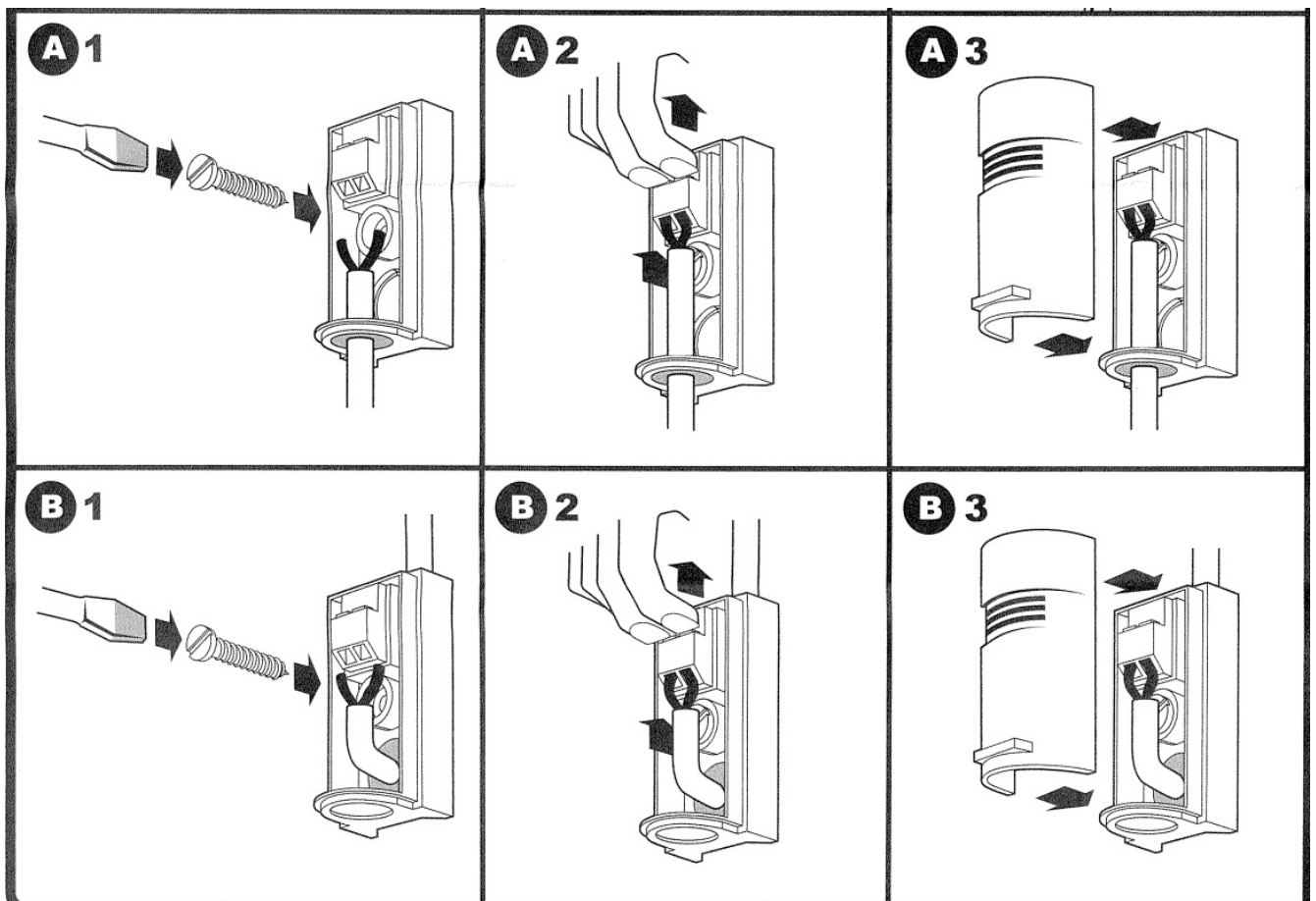5. Reattach the cover and secure it with screws.

Wiring Instructions

Option A

1. Insert the wire through the opening and connect to the terminal.
2. Ensure the wires are properly secured and insulated.
3. Close the sensor casing and secure it.
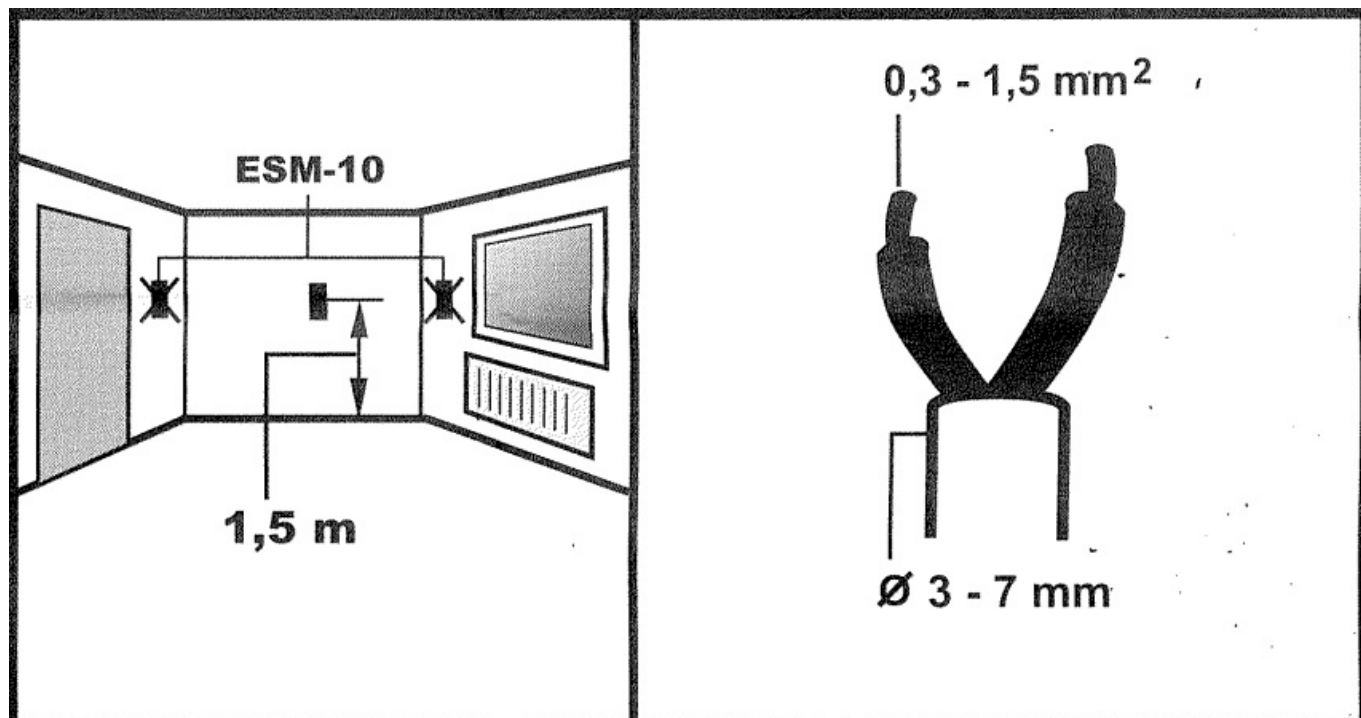
Option B

1. Insert the wire through the opening and connect to the terminal.
2. Ensure the wires are properly secured and insulated.
3. Close the sensor casing and secure it.
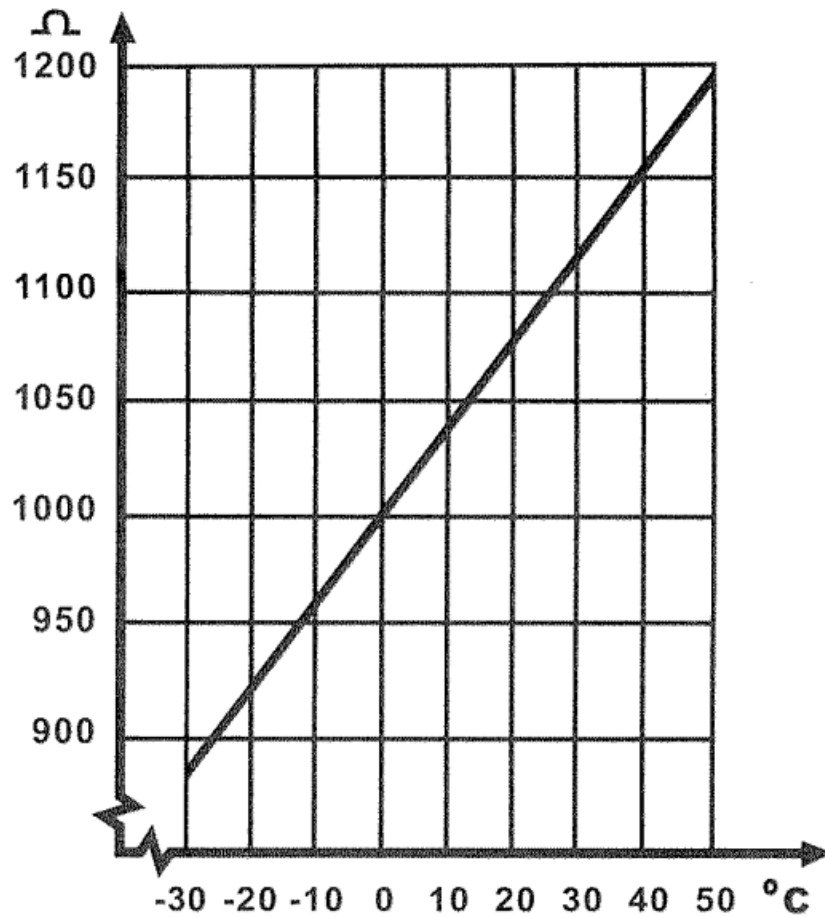

Specifications

Distance from Floor	1.5 meters
Wire Size	0.3 – 1.5 mm²
Cable Diameter	3 – 7 mm

DIMENSION

Graph
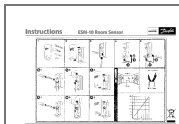
The graph shows the resistance (Ω) versus temperature (°C). The resistance increases linearly from 900Ω at -30°C to 1200Ω at 50°C.

FAQs

- **What is the recommended installation height for the sensor?**
  - The sensor should be installed at a height of 1.5 meters from the floor.
- **What wire size is compatible with the ESM-10 Room Sensor?**
  - The compatible wire size ranges from 0.3 to 1.5 mm².
- **What is the acceptable cable diameter for installation?**
  - The cable diameter should be between 3 and 7 mm.

Documents / Resources

 Danfoss ESM-10 Room Sensor [pdf] Instruction Manual
SMDT, DK, ESM-10 Room Sensor, ESM-10, Room Sensor, Sensor

References

- **User Manual**