

Danfoss

087R9247

**ESMT Outdoor
Temperature
Sensor**



Danfoss 087R9247 ESMT Outdoor Temperature Sensor Instructions

[Home](#) » [Danfoss](#) » Danfoss 087R9247 ESMT Outdoor Temperature Sensor Instructions 

Contents

- [1 Danfoss 087R9247 ESMT Outdoor Temperature Sensor](#)
- [2 Specifications](#)
- [3 Product Usage Instructions](#)
- [4 Graph](#)
- [5 Electrical connection](#)
- [6 MORE INFORMATION](#)
- [7 CONTACT INFORMATION](#)
- [8 FAQs](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)

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Danfoss 087R9247 ESMT Outdoor Temperature Sensor



Specifications

- **Model:** ESMT
- **Type:** Outdoor Temperature Sensor
- **Sensor Type:** Pt 1000
- **Electrical Connection:** Two-wire non-polarized (can be crossed)
- **Connection Cable:** 2 x 0.4 – 1.5 mm²

Product Usage Instructions

Mounting:

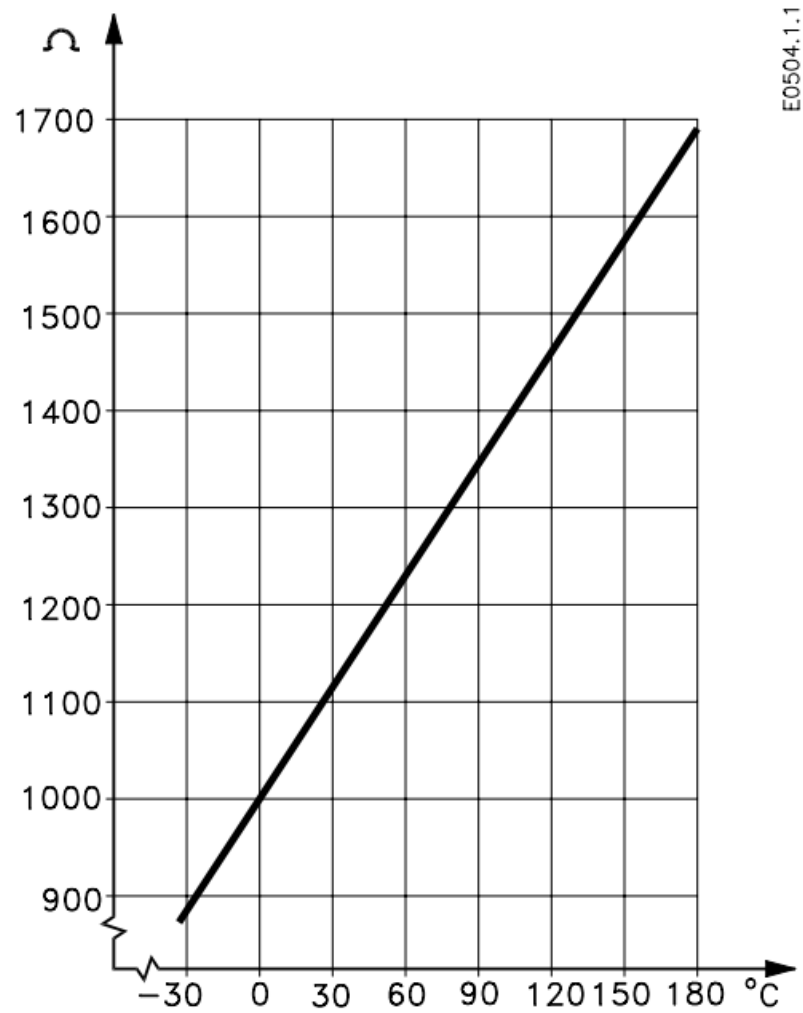
The sensor should be mounted on the coldest elevation of the building/zone, typically the north elevation.

Electrical Connection:

Connect the sensor using a two-wire non-polarized connection. The connection cable should be 2 x 0.4 – 1.5 mm².

Graph

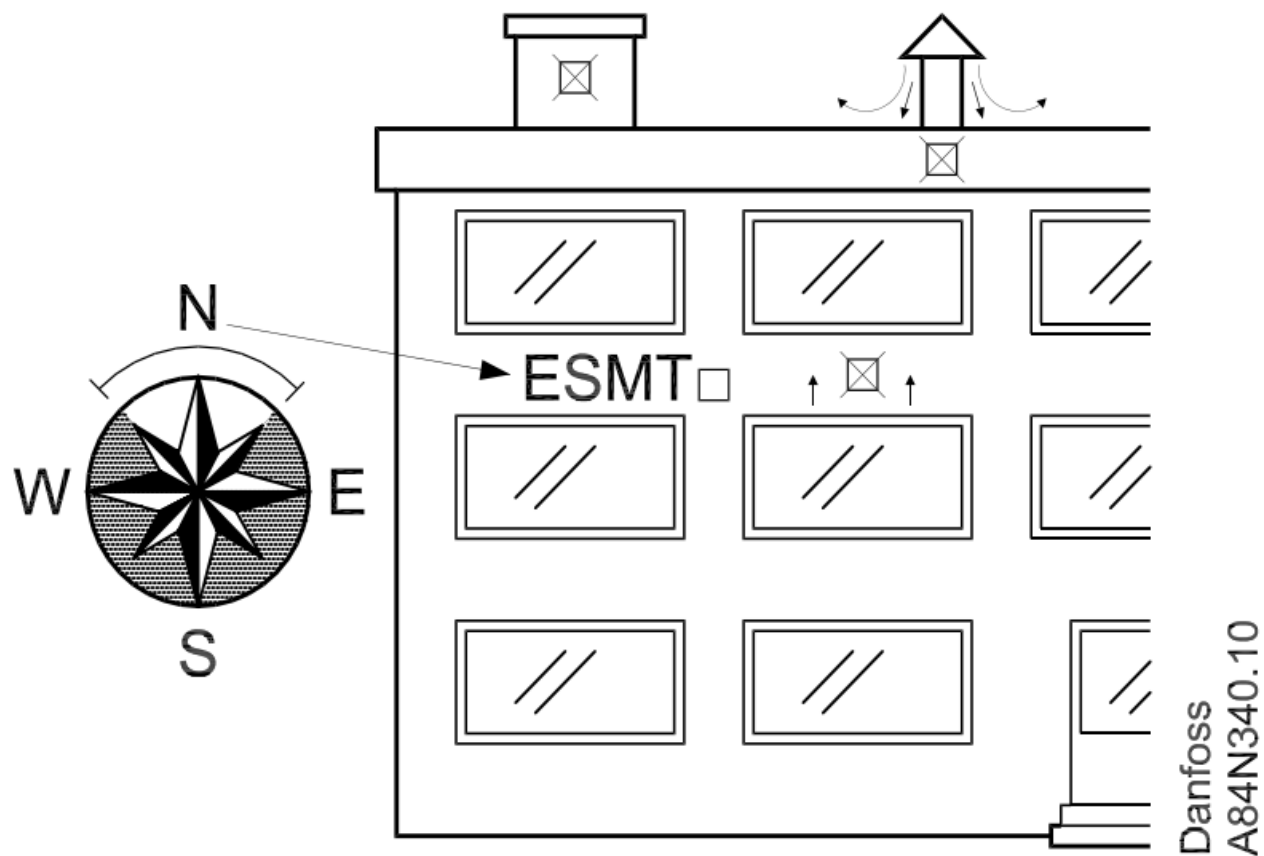
- Type ESMT is a Pt 1000 Ω outdoor temperature sensor.



E0504.1.1

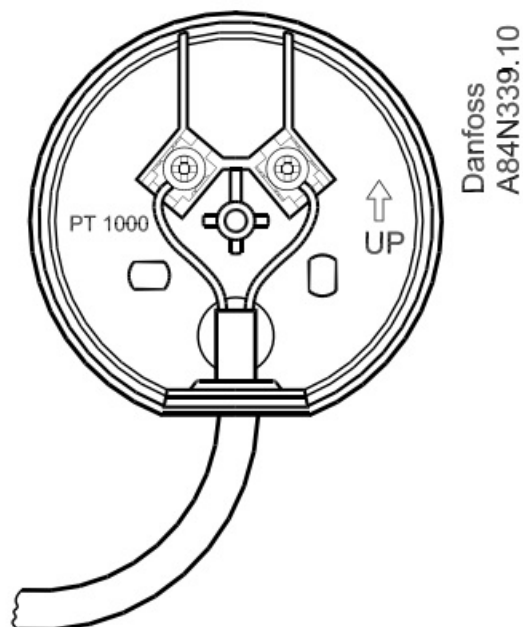
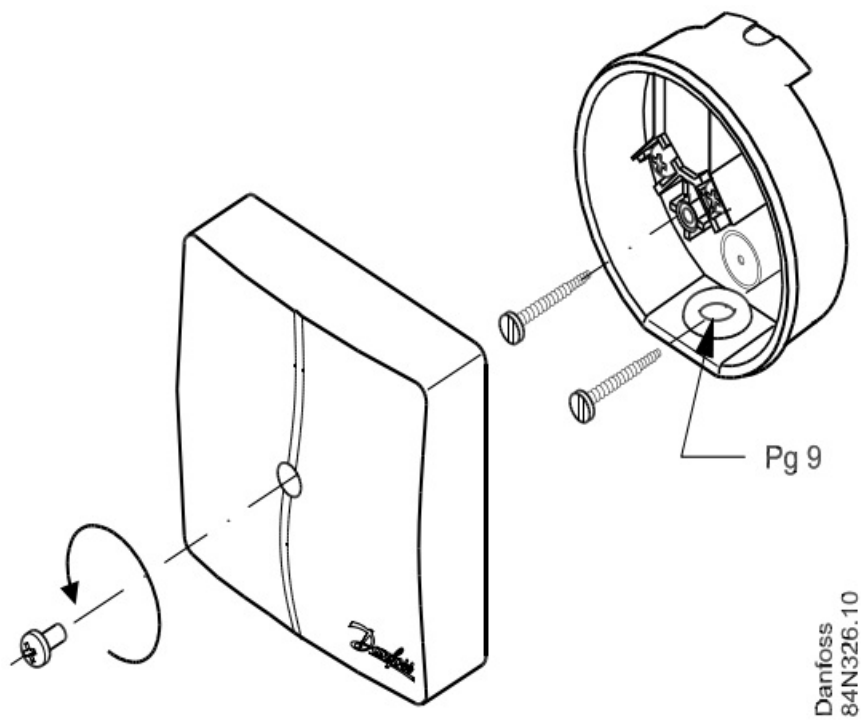
Mounting

The sensor is mounted on the coldest elevation of the building/zone (normally the north elevation).



Electrical connection

Two-wire non-polarized (can be crossed). Connection cable: 2 x 0.4 – 1.5 mm².



MORE INFORMATION

- ESMT outdoor temperature sensor
 - www.heating.danfoss.com
- ESMT: www.heating.danfoss.com
 - <https://www.youtube.com/user/DanfossHeating>
 - Playlists – How-to Videos -> District Energy installation videos

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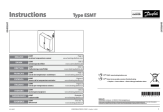
CONTACT INFORMATION

- Danfoss A/S
- Heating Segment
- danfoss.com
- +45 7488 2222
- E-Mail: heating@danfoss.com

FAQs

- **Q: Where should I mount the ESMT outdoor temperature sensor?**
 - A: The sensor should be placed on the coldest elevation of the building, usually the north side.
- **Q: What type of sensor is ESMT?**
 - A: ESMT is a Pt 1000 outdoor temperature sensor.
- **Q: How should I make the electrical connections for ESMT?**
 - A: Use a two-wire non-polarized connection for ESMT. The connection cable should be 2 x 0.4 – 1.5 mm².

Documents / Resources

	<p>Danfoss 087R9247 ESMT Outdoor Temperature Sensor [pdf] Instructions 084R9247, 087R9247, 087R9247 ESMT Outdoor Temperature Sensor, ESMT Outdoor Temperature Sensor, Outdoor Temperature Sensor, Temperature Sensor, Sensor</p>
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References

- [Danfoss Climate Solutions for heating | Efficient solutions for superior comfort | Danfoss](#)
- [Heating | Danfoss | Danfoss](#)
- [Danfoss Climate Solutions for heating | Tehokkaat ratkaisut ensiluokkaiseen mukavuuteen | Danfoss](#)
- [Danfoss värmelösningar | Effektiva lösningar för överlägsen komfort | Danfoss](#)
- [User Manual](#)

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