



Installation Manual — Heating Element 6 kW

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1. Introduction

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1.1. Legal provisions

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Subject to changes and printing errors!

1.2. Qualification of the installer

A qualified installer is a person who has the following experience and training:

- Setting up, switching on, switching off, disconnecting, earthing, short-circuiting and repairing circuits and devices
- Standard maintenance and use of protective devices in accordance with current safety standards
- First aid/emergency care
- Current knowledge of local regulations, standards and guidelines

1.3. Symbols used

Before reading the manual, you should familiarize yourself with the different types of safety warnings. You should also familiarize yourself with the importance of the safety warnings.

	Danger
	Attention
	Important information

2. Product description

2.1. Scope of delivery

After you have received the delivery, check that all components have been included. Inspect the scope of delivery for damage. If anything is missing or damaged, please contact the supplier immediately. The following components are included in the delivery:

- Heating element 6 kW
- Installation instructions — Heating element 6 kW
- Installation instructions for heating element 6 kW from Alpha Thermotec

2.2. Prerequisites

The integration of the 6 kW heating element is required:

- FENECON Home 10 with three free relay contacts *or*
- FEMS TCP 8-Channel Relay Board mit drei freien Relaiskontakten (Hinweis: Nicht im Lieferumfang enthalten)



The heating element is designed for a tank of at least 160 liters.



Follow the manufacturer's instructions for assembling the heating element.



Heating elements with an output > 6 kW are available on request.

3. Heating element 6 kW

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Der Heizstab ist für die Zusatzerwärmung von Trinkwasser in geschlossenen oder offenen, emaillierten Behältern konstruiert.



The following technical data is for overview purposes only. The manufacturer's original instructions must be observed ([here](#))

Typenreihe	HP — 6,0
Versorgung	3 Phasig ~ 230 V
Funktion	3 phasiger Heizstab, 0 oder 2 kW pro Phase ansteuerbar.
Einbaulage	waagrecht
Einbaumuffe	1,5 Zoll; max. 100 mm (zusätzlich sollten 150 mm Platz für Montage vor der Einbaumuffe freigehalten werden)
Anschlusskabel	mindestens 2,5 mm ² (Typ H05VV-F)
Einbautiefe Heizstab	56 cm

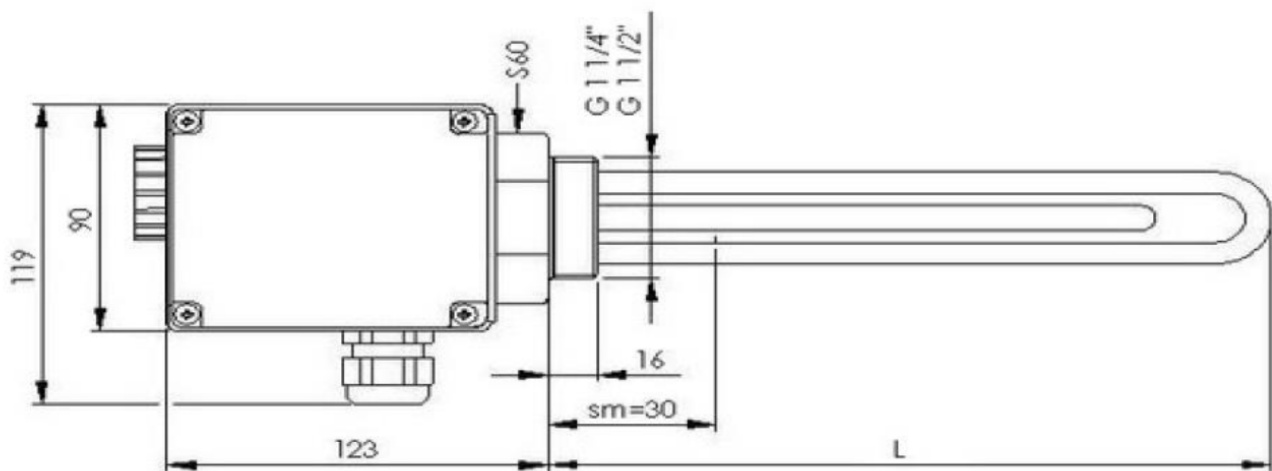


Figure 1. Dimensions — Heating element



Informationen zur Verkabelung mit dem FEMS TCP 8-Channel Relay Board bzw. FENECON-System finden Sie in den entsprechenden Anleitungen der jeweiligen Produkte.

4. Contact

For support, please contact:

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94547 Iggenbach

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5. Directories

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5.1. List of illustrations

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