



FÖRSTER TECHNIK® 	Service info	Temperature sensor	
	Re:	Vario and Compact	
	Date	July 2016	
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Temperature sensor

1 Introduction

These installation instructions put you in the position to replace the Temperature sensor safely as intended.

- > Please read these installation instructions carefully before replace the Temperature sensor.
- > Keep these installation instructions ready and available at all times.
- > Comply with all safety instructions in these installation instructions at all times.
- > Please also observe the original operating manual for the automatic feeder.


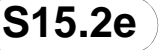

2 For your safety

2.1 Target group

2.1.1 Necessary qualifications of the service technician

Only trained service technicians are authorized to replace the Temperature sensor.


Service technicians are electricians with appropriate qualifications, i.e. they are able to assess the work assigned to them and detect potential risks on the basis of their technical training as well as their knowledge of the relevant standards. This also includes knowledge of relevant accident prevention


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regulations, generally accepted safety regulations, EC guidelines and country-specific standards and provisions.

2.2 Indication of hazards

Hazards are indicated by a key word and a corresponding symbol, depending on the severity and probability:

	<p>Danger!</p> <p>For an imminent danger, resulting in serious injuries or death.</p>
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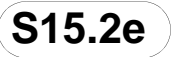

	<p>Warning!</p> <p>For a potentially dangerous situation which may cause serious injuries or even death.</p>
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	<p>Caution!</p> <p>For a potentially dangerous situation which may cause minor injuries or material damage.</p>
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Attention	For a potentially harmful situation in which the product or an item can become damaged within its environment.
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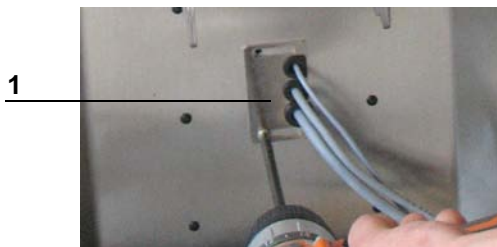
Note	For application notes and other useful information.
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However, it is just as important to comply with any other notes and information which are not highlighted, so as to avoid failures which in turn may cause direct or indirect injuries or material damage.

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3 Replacement in the mixer

1. Switch off the automatic feeder and disconnect the power plug.
2. Disconnect the cable of the existing temperature sensor on the main board (see machine circuit diagram for the automatic feeder).
3. Pull the sensor out of the sensor opening on the mixer glass.
4. Remove the cover of the feeder housing below the mixer.



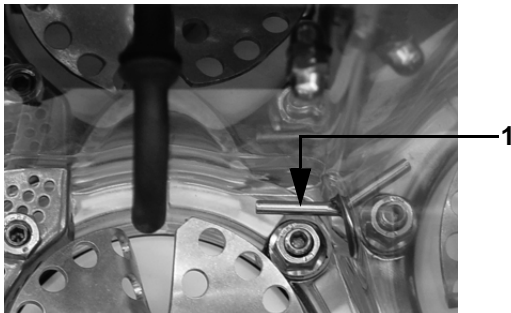
1 Cover

5. Undo the cable tie on the rear of the mixer in order to remove the temperature sensor.
6. Pull the cable of the temperature sensor completely out of the feeder housing.
7. Remove the grommet on the cable of the temperature sensor.
8. Push the spacer onto the new temperature sensor.
9. Carefully push the new sensor into the opening of the mixer glass by moving the sensor gently back and forth. Make

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sure that the gaskets do not slip and that the tip of the sensor does not make contact with the mounting screws or the housing.

ATTENTION The sensor tip is fragile and can break.



1 Temperature sensor

10. Push the cable of the temperature sensor into the holder in the mixer and secure it with a cable tie.

11. Push the grommet onto the cable of the temperature sensor.

12. Push the cable below the mixer into the feeder housing and secure the cover with the grommet.

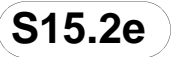

Note: The length of the cable should be adjusted to the tilt of the mixer.

13. Connect the sensor cable to the PCB and place the shield in the appropriate location (see machine circuit diagram).

14. Connect the power plug and switch on the automatic feeder.

15. Update the program of the automatic feeder, if necessary.

16. Check the temperature.

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4 Replacement in the boiler/heat exchanger

1. Switch off the automatic feeder and disconnect the power plug.
2. Drain the boiler (for instructions, see the operating manual of your automatic feeder).
3. Disconnect the cable of the existing temperature sensor on the main board (see machine circuit diagram for the automatic feeder).
4. Unscrew the temperature sensor from the sensor opening on the boiler/heat exchanger.





1 Gasket

2 Temperature sensor

5. Remove the temperature sensor.

ATTENTION Make sure that the gasket in the cover does not fall out is still present.

6. Carefully screw the temperature sensor into the threaded sensor opening on the boiler/heat exchanger.

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7. Connect the sensor cable to the PCB and place the shield in the appropriate location (see machine circuit diagram).
8. Connect the power plug and switch on the automatic feeder.
9. Update the program of the automatic feeder, if necessary.
10. Fill the boiler/heat exchanger.
11. Check the temperature.