

Thermocouple installation instructions

To install the thermocouple, please proceed as follows:

1. switch off the power supply to the control unit.
2. disconnect the electrical connection between the thermocouple and the thermocouple compensation cable (green cable) or between the thermocouple and the control unit.
- 3 Remove the defective thermocouple.
4. if the defective thermocouple is a version without a ceramic protection tube or with a screw plug with an M8 thread, it is not possible to replace the thermocouple directly. Please contact Ulrich Brunner GmbH on 08721 / 771-0. If the defective thermocouple is a version with ceramic protection tube and M12 screw plug, you can place the new thermocouple directly in the place of the defective thermocouple.

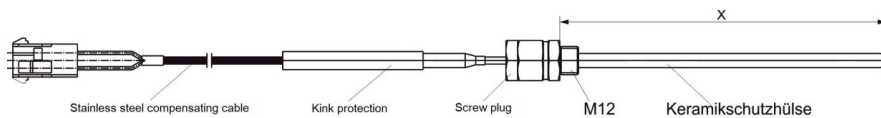
5. re-establish the electrical connection between the thermocouple and the thermocouple compensation cable (green cable) or between the thermocouple and the control unit as shown opposite.

Thermocouple - connection colors			
New standard DIN IEC 584		Old standard DIN 43760	
green +	white -	green -	red +

6. switch on the power supply to the control unit.
7. if an error message e.g. "fbf" appears on the display after switching on, please check the cable connection up to the thermocouple.
8. you can easily check the correct connection of the thermocouple by briefly heating the tip of the thermocouple (e.g. with a lighter). If the temperature in the display rises, everything is OK. If the message POL appears on the display, the + and - have been reversed when connecting the thermocouple.

Please note: Do not leave the compensation line in contact with the heating gas pipe / heating gas connection!

Work on the 230 V mains may only be carried out by authorized specialist companies!



Item no. 10994.1:	X approx. 140 mm	Art. no. 10992:	X approx. 80 mm	Item no. UE060070-01:	X approx. 180 mm
-------------------	------------------	-----------------	-----------------	-----------------------	------------------

Ulrich Brunner GmbH
Phone: +49 (0) 8721/771-0

Zellhuber Ring 17-18
E-mail: info@brunner.de

D-84307 Eggenfelden
Internet: www.brunner.de

Art.Nr.: 19977