

**Built-in appliances and  
floor-mounted stoves  
with „Smart“ input  
electronics**

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## 1. ESD=electrostatic discharge

As the single electronic interfaces are not protected internally against static electricity and are partially open, you must pay attention to that, in case of a repair, there will be a potential compensation via the housing of the appliance (touch it) in order to neutralize a possible charging and to prevent a damaging of the affected electronic interface.

You also have to be careful with those electronics delivered as spare parts, which have to be put out of the ESD protective package only after a potential compensation (discharge of possible static electricity).

If a potential compensation with an existing static electricity is not executed, it does not mean that the electronic is damaged directly. Consequential damages may result due to the damaging of internal structures which arise only in case of load through temperature and current.

Endangered are all assembly groups which are provided with control entries, wire paths lying open and free-accessible processors.

## 2. Software specifications, Functions

### 2.1 Illustration of the Smart control electronics, installed state



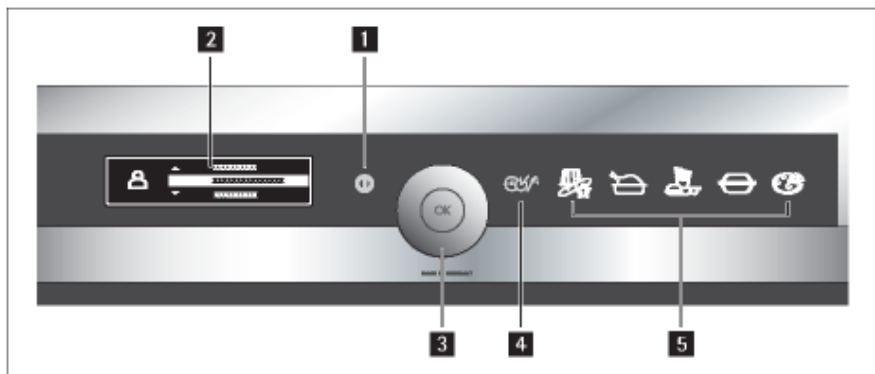
Shaft encoder

Smart control electronic








### 2.2 Button / and display layouts of all appliance groups, countries and brand

#### 2.2.1 Control Panel



1. ON/OFF-key
2. Display
3. Rotary knob with OK button for the selection of a menu item
4. Additional function button
5. Sensor button for selecting a cooking category

## 2.2.2 Sensor keys (sample illustration since brand dependent)

<u>Symbol</u>	<u>Category</u>
	Bake
	Roast
	Convenience foods
	Baked meals
	Pizza










The „Auto Cooking“ menu is divided into five categories. These can be used to select optimal settings for a variety of foods and dishes. This requires pressing the corresponding sensor key. The categories are divided into different subcategories and meals, which then feature the matching settings.

### **Principles of operation**

When using „Auto Cooking,“ the oven automatically calculates the required cooking time. Contrary to the usual cooking method, this option does not require setting a temperature or cooking time, only the desired meal must be selected from the category menu.

### 2.2.3 Display

The information depicted in the display differs depending on the operating mode of the oven. If the oven is switched off, the display depicts the current time and a progress bar indicating the (remaining) oven temperature. If the oven is switched on, the display depicts the menu or information about the current operating mode of the oven.

Symbols	
	Short-time alarm
	Time of day
	Duration
	End
	Length of time
	Oven temperature
	Calculation
	Rapid heating
	Temperature indicator

## 2.3 Basic operating instructions / Startup after repairs

### 2.3.1 Adjust required settings

Information: The oven works only when the time is set!

If the appliance is reconnected to the mains power supply (after repairs, for example), the time does not have to be reset since the internal electronics saves the time even over a longer period due to technical reasons (capacitor).

The time must be reset if a new input electronics is installed or if appliance unit was disconnected from the mains power supply for an extended period of time.

The display depicts "Set Language" several seconds after the oven is switched on.

1. Use the rotary knob to select the desired language.
2. Confirm your selection with the OK key.

Adjust in other required settings and the time of day, if necessary.

### 2.3.2 Calibration

The oven must be calibrated first before the "Auto Cooking" function can be used. Calibration takes approx. 4 hours.

Calibration is not required if the oven is used only for regular cooking (without the "Auto Cooking" function).

Please note the following calibration information:

- **Calibration must be carried out a room temperature below 35°C.**
- Install the oven at its final location before commencing calibration.
- **Establish a permanent connection to the mains power supply before commencing calibration.**
- Remove the grease filter before calibrating the oven.
- If the baking grilles or racks available as optional accessories are attached later, the appliance must be recalibrated with this equipment installed.
- If the installation location, mains power connection, or any of the other listed points is changed, the oven must always be recalibrated to ensure optimal functionality of the AUTO COOKING function.

The calibration function is in the "Settings," "Calibration" menu.

The appliance is ready for operation after calibration is completed and as soon as the oven has cooled down.

### 2.3.3 Child safety

The appliance is no longer operational after activating the child safety function.

#### Switching child safety function on

Press the ON/OFF key.

None of the functions can be selected.

Press "Bake" and "Pizza" simultaneously until an acoustical signal is emitted the message "Child Safety" is depicted.

The child safety function is now active.

#### Switching child safety function off

Press the ON/OFF key.

Press "Bake" and "Pizza" simultaneously until an acoustical signal is emitted the message "Child Safety" is depicted.

The child safety function is now deactivated and the oven can be operated again.

### 3. Functions of appliance

#### 3.1 Oven functions, capacities and small consumer - appliance-specific (Sample Illustration)

no.	description	grill element		heating elements (Watt)		ring element		cooking fan		cooling fan		small loads (Watt)					maximal power [Watt]	maximal current [Ampere]		
		1900	1000	top element	1000	bottom element	2400	40	LOW	HIGH	oven lamp back wall	oven lamp side wall	turnspit	door lock system						
		REL5	REL8	REL9	REL4	REL11	REL13	REL12	REL15	REL10	REL16									
1	ring+fan																			
2	top+bottom																			
3	ring+bottom+fan																			
4	grill+top+fan (alter)																			
5	grill+top+fan+tsp (alter)																			
6	grill																			
7	grill+tsp																			
8	grill+top																			
9	grill+top+tsp																			
10	bottom																			
11	ring+fan (LTC)																			
no.		def_ost	Boost	ResH.																
1		150	-	x																
2		200	2.1	x																
3		200	2.1	x																
4		180	2.1	x																
5		180	2.2	x																
6		300	-	-																
7		300	-	-																
8		300	-	-																
9		300	-	-																
10		150	-	x																
11		3.1 + 3.2	-	-																
no.		Indication																		
1		YES																		
2		YES																		
no.		def_ost	def_dur	ost_phase2																
1		120	10	80																
2		150	10	80																
no.		def_ost	dur_1	dur_2	dur_3															
1		470	135	165	195															
no.		def_ost	min_ost	sheet	ResH.															
1		30	30	3	-															
2		60	100	1+4	-															
3		80	80	3	-															
4		160	200	1	-															
5		70	70	1	-															
no.		def_ost	max_ost	sheet	ResH.															
1		105	105	1	-															
2		2530	2530	1	-															
3		2090	2090	1	-															
4		1090	1090	1	-															
5		2530	2530	1	-															



<b>EN - Legendary</b>
Boost
Boost (auto)
Boost functions
Bottom
Cleaning functions
Cooking fan
cooking fan
Cooling fan
cooling fan
current (A)
def. temp.
Def_dur
Def_ost
Defrost
Door lock system
Drying
dur_...
Exhaust actuator
grill
Grill
grill + top
grill + top + fan (alter)
grill + top + fan + tsp (alter)
grill + top + tsp
grill + tsp
heating element (Watt)
Heating elements
High
Indication
Keep warm
Lamp back wall
Lamp side wall
Low
LTC
max. power (W)
Max_ost
Maximal current (Ampere)
Maximal power (Watt)
Min_ost
More description
No
off
ost_phase 2
oven function
Oven functions
oven lamp back wall
oven lamp side wall
Phase
Plate warming
pos.
Preserving
Pyro
rear element

REL ...
ResH.
Ring
ring + bottom + fan
ring + fan
ring + fan (LTC)
ring + fan + tsp
sheet
Slow cook functions
Small loads
small loads (Watt)
Special funtions
Steam element
Steam functions
Top
top + bottom
top element
turnspit
Waste air actuator
Watt

### 3.2 Pyrolytical cleaning - Explanation

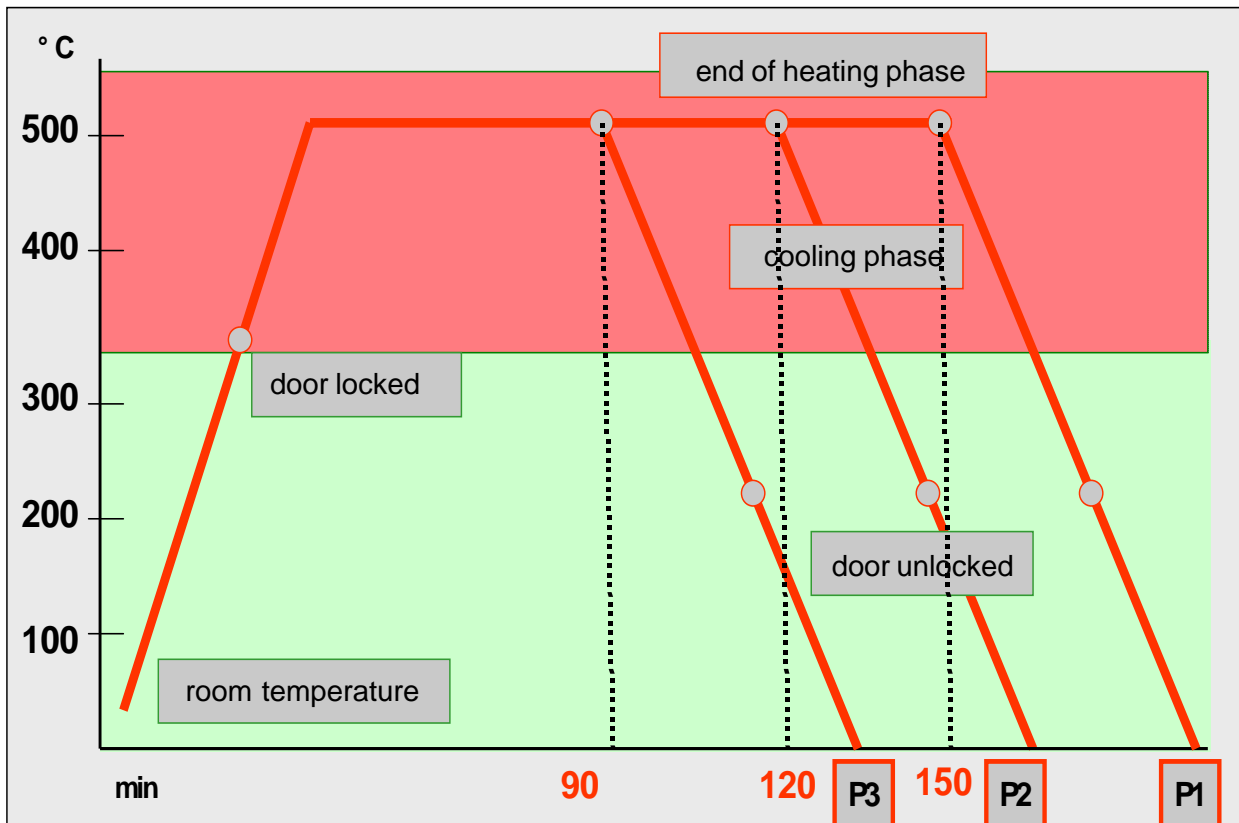


Fig. heating-up curve temperature (°C) / time (min)

With the Pyroluxe self-cleaning system the residues in the interior are carbonized to ashes at high temperatures. The centre of gravity temperature of the muffle is approx. 500°C.

A max. selection of three pyrolysis durations (P...) can be made per appliance class and equipment.

#### Pyrolysis duration (Heating period)

<b>P1 (Heavy)</b>	>	Heating period	150min
<b>P2 (Normal)</b>	>	Heating period	120min
<b>P3 (Light)</b>	>	Heating period	90min

**Note:** In appliances which are equipped with two pyrolysis durations, P2 corresponds to the pyrolysis duration P3.

The oven door is locked at a centre of gravity temperature of the muffle of approx. 312°C, after a heating-up time of approx. 11 min.

The oven door is unlocked at a centre of gravity temperature of the muffle of approx. 204°C. The moment depends on the selected pyrolytic duration.

The cooling fan is running at an increased speed until the moment of unlocking. At a centre of gravity temperature of the muffle of approx. 130°C it switches off.

### **Attention écart pour les appareils stationnaires**

### **3.3 High-speed heating (Boost) - Explanation**

**Explanation:** Quick-Heating means reaching the selected oven temperature as quickly as possible.  
After reaching the oven temperature, it switches back to the originally selected oven function (heating element configuration).

The Quick-Heating function is displayed depending on the appliance either by a symbol or by animated bar.

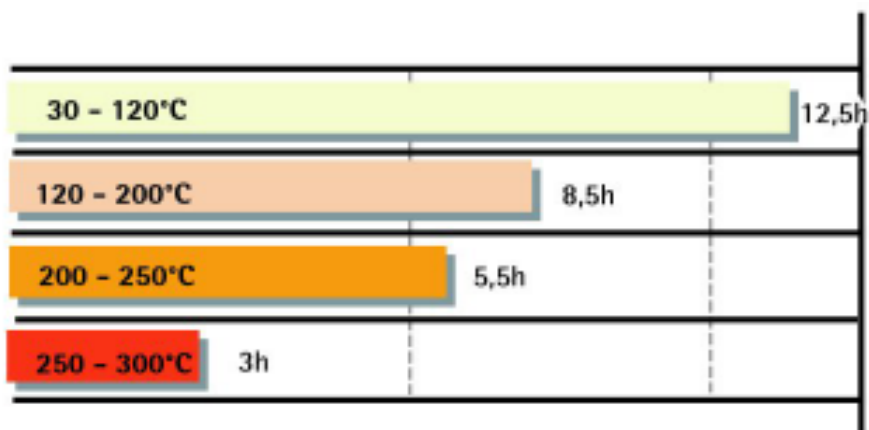
**Note:** Quick-Heating function - manual operation  
Quick-Heating function „AUTO“ - Automatically active, not switchable

The type of Quick-Heating function (Boost) available is in Chapter 3.1.

### 3.4 Safety function safety cutoff of oven

If the oven is not switched off after a specific period of time or if the temperature is not changed, then it switches off automatically.

The oven switches off at an oven temperature of:



Putting into operation after a safety cutoff:

Depending on the appliance model, the display depicts "Automatic Safety Shut-Off" or "Automatic Shut-Off." Continue by OK.

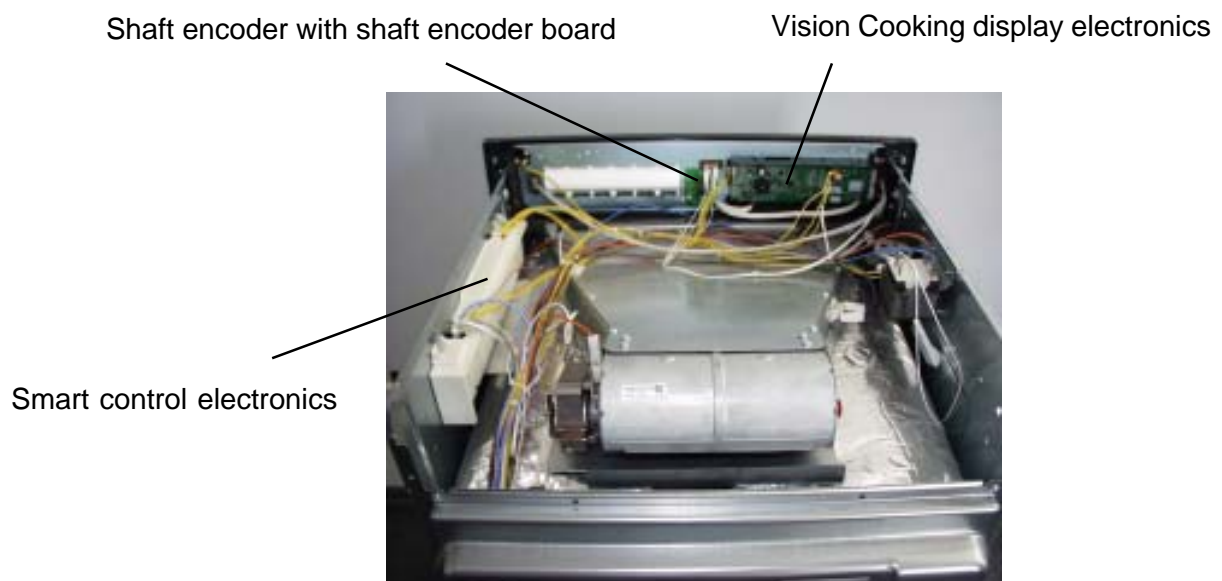
Note: The safety cutoff is cancelled, when the clock function „duration“ or „end“ has been set. Furthermore, it is not active with the functions, low-temperature cooking and Pyrolyse.

## 4. Functional parts - Component data, installation situation, dismantling

### 4.1 Functional parts - Oven control

#### 4.1.1 Smart electronics / shaft encoder, and Vision Cooking control electronics

The Vision Cooking control electronics consist of various semiconductor modules and a microprocessor. This microprocessor uses a customized program to control the electronic control unit. The desired oven functions are input via a so-called touchboard, which is a shared spare part together with the switch cover, and a shaft encoder. The smart electronics supplies the Vision Cooking control electronics with the required parameters needed for the automatic programs.



The smart control electronics unit is mounted to the right side wall of the appliance with two screws. The control unit is enclosed in a standard housing. After loosening the two screws and disconnecting the wires, the control unit can be removed from the appliance.



In order to remove the shaft encoder, the shared spare part rotary knob/push-button key must be pulled off first. Please make sure that the included parts (compression spring and grounding flag) are not lost.



Since the shaft encoder is attached to the cover support with six screws, the switch cover must be removed from the cover support. It is held in place with a double-sided silicone adhesive tape that must be removed with a sharp knife. Make sure the cutting blade of the knife is not inserted between switch cover and cover support by more than 1 cm to prevent damaging the light bar. After loosening the upper silicone adhesive tape the switch cover can be flipped down. This provides access to the fastening screws of the shaft encoder board.

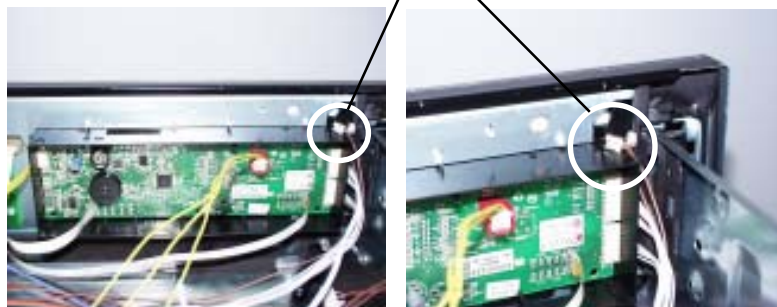


Reassemble by reversing each step. If a new shaft encoder board is being installed, make sure to apply pressure against this board from the inside of the appliance without touching the board.



The Vision Cooking display electronics unit is permanently installed inside of a plastic housing (E-Box). The entire unit is snapped into the cover support. After pressing on the four detents at the bottom side of the plastic housing, the electronics unit can be removed by pulling towards the rear in the direction of the inside of the appliance. Make sure not to damage the light bar connector when removing the electronics.

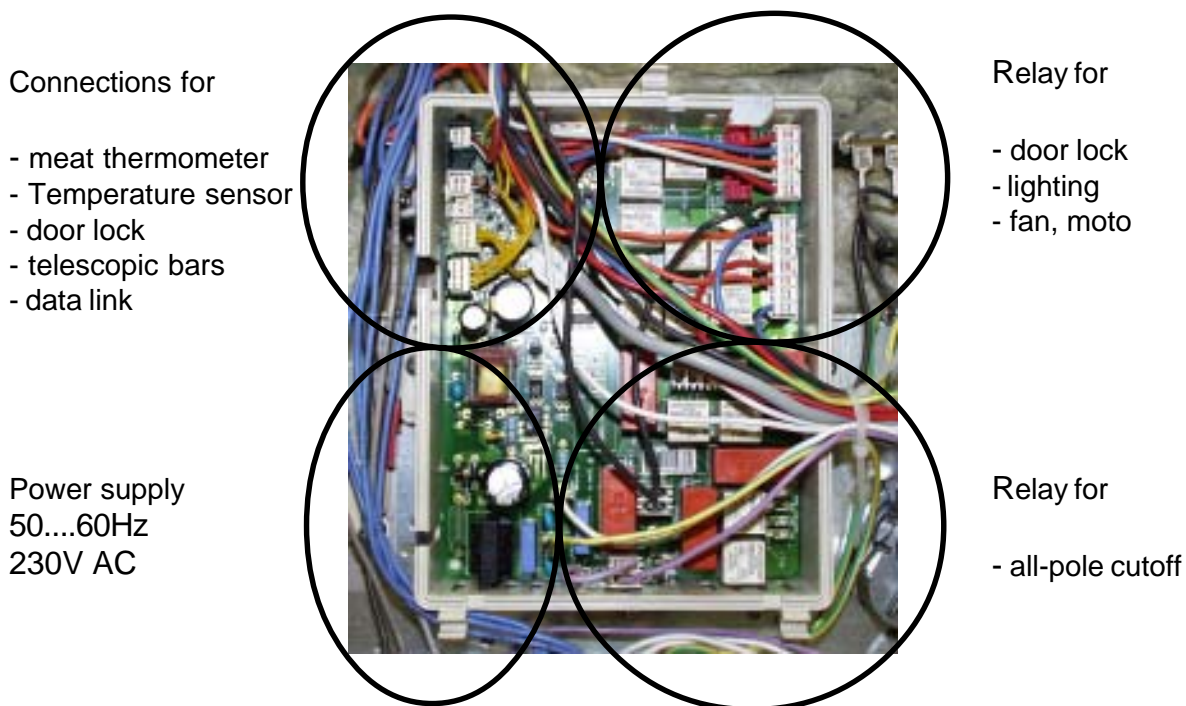
Light bar connection



Unlatching the detents by gripping underneath with both hands.







**Fig.: Powerboard OVC2000 wired in the appliance**



**Fig.: assembly situation**



**Fig.: Spare part OVC2000**

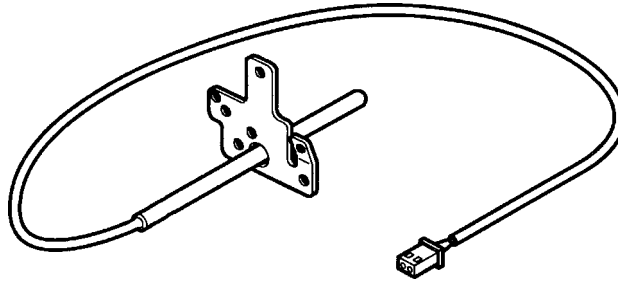
The power electronics are located on the rear side of the appliance and are accessible after removing the housing rear panel. The power board is installed in a so-called „functions box“ made of plastic. These two components, power electronics and plastic box, are also a replacement part unit (see III.)

Please refer to Chapter 7 for connection designations and possible measuring points.

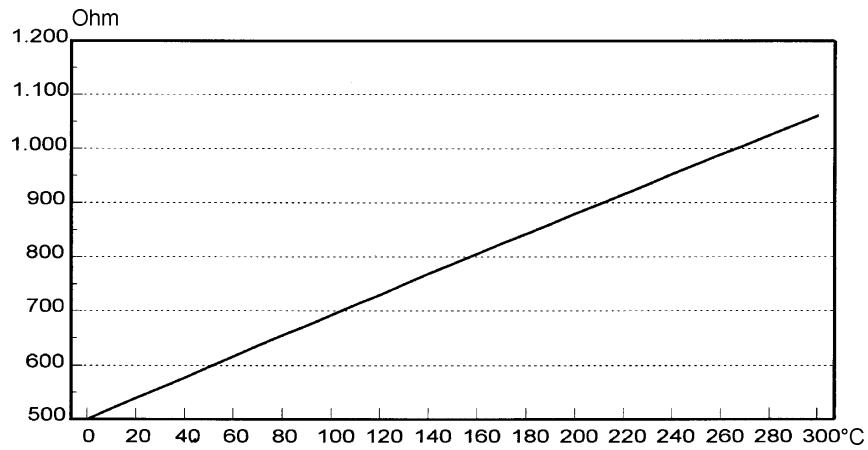
### 4.1.3 Temperatursensor PT500

The temperature in the baking oven is measured by a temperature sensor (type PT 500) for appliances with control board. The sensor is provided at the rear of the appliance. It is used to transmit to the electronic systems the values for:

- cyclic heating the radiators until the selected temperature is reached;
- switch off the radiators in case of overheating of defective sensor;
- switching ON/OFF the cooling fan.

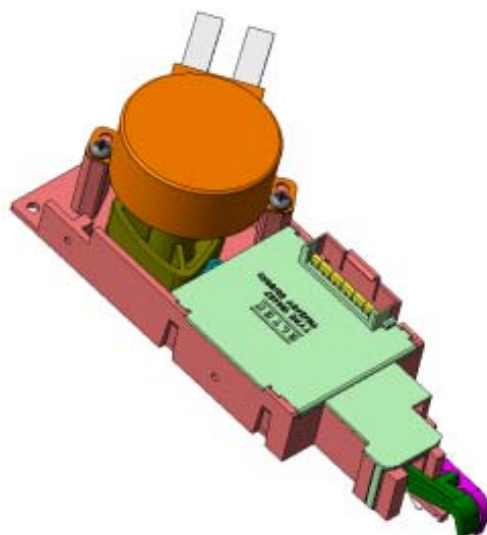


**Fig. Temperature sensor**

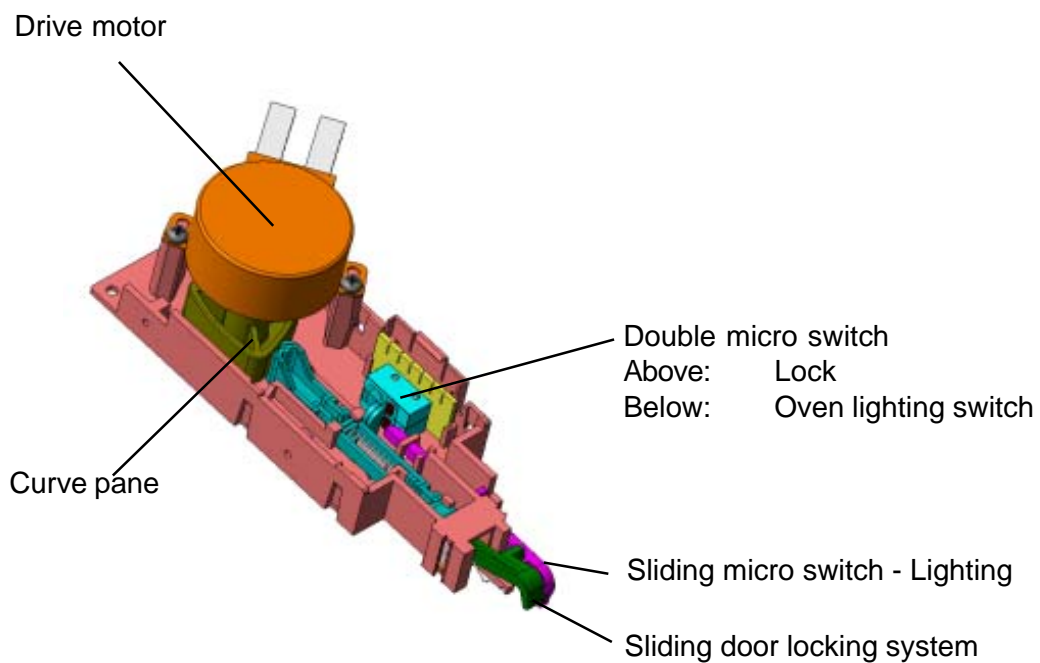


**Fig. Electrical resistance of sensor depending on the ambient temperature**

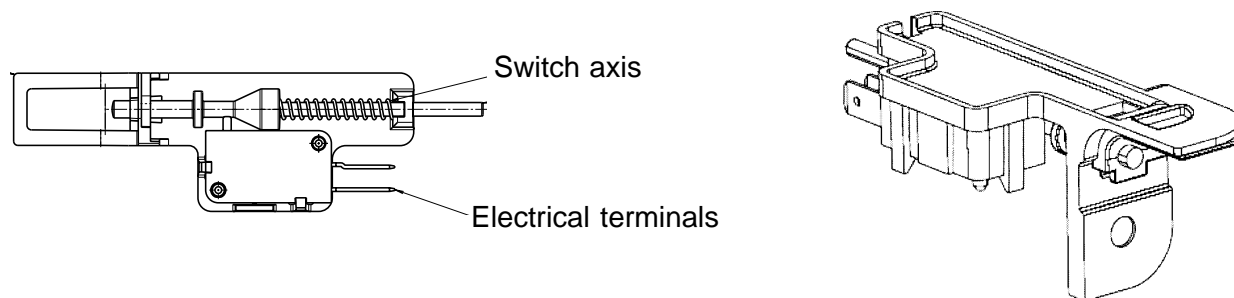
#### 4.1.4 Door locking system, motorics with door-switch light



**Fig.: Door locking system as complete component**

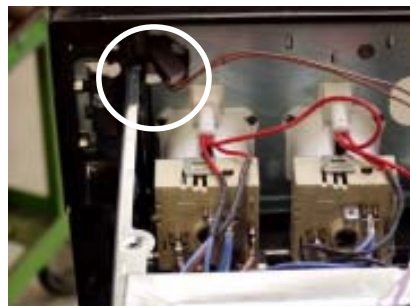


#### 4.1.5 Door switch for the light



When opening the door of the oven, the lighting of the oven is activated over this component after the device has been switched on. The mounting position is at the top and right-hand corner of the front frame of the oven

#### 4.1.6 Luminous bar in the control panel (Appliances – Sample Illustration)



Figures show the luminous bar as a separate component and the electric terminals from the sight of the interior of the appliance, each at the left and at the right. The assembly situation is in the switch panel support. For disassembling the luminous bar you have to remove the switch panel.

#### 4.1.7 Odour filter (catalytic converter electrically)

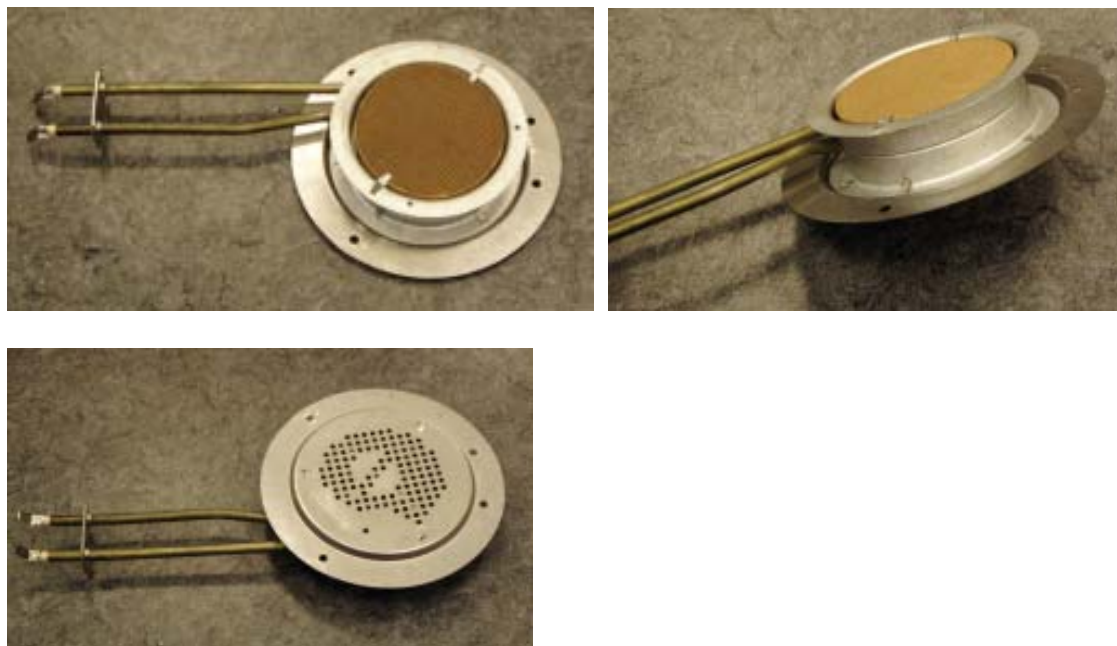


Fig. 1



Fig. 2



Fig. 3

In order to disassemble the odour filter in case of a defect, you must proceed as follows:

- Disassemble the appliance, open the housing lid
- Disassembly of the air channel upper part (figure 1 + 2).
- Loosen the six connecting screws air channel lower part / adapter odour filter (figure 3)

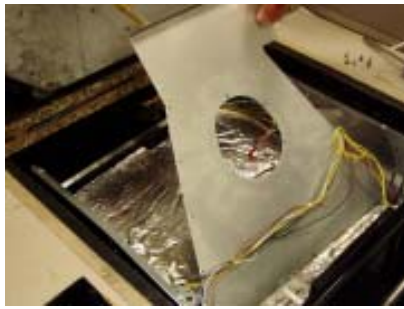


Fig. 4



Fig. 5

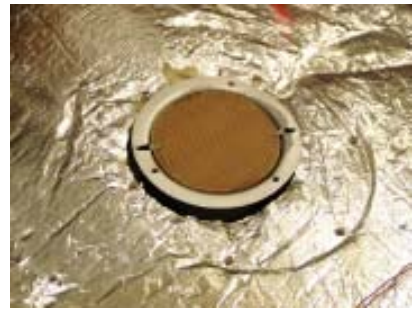


Fig. 6

- Remove the air channel lower part (figure 4).
- Loosen the four connecting screws adapter odour filter / odour filter (figure 5).
- Remove the adapter odour filter (figure 6).



Fig. 7

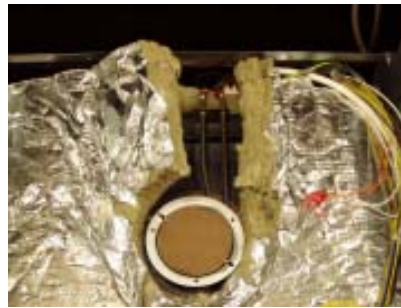


Fig. 8

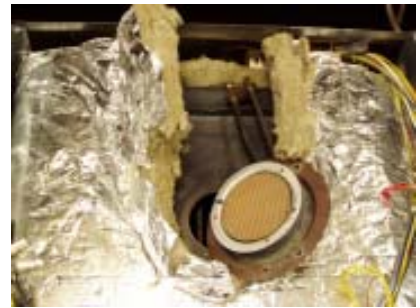


Fig. 9

- Loosen the four connecting screws odour filter / oven muffle (figure 7). It is also necessary to cut the oven insulating in order to remove the odour filter (figures 8 + 9).
- **When assembling the odour filter please proceed in the reversed order and pay attention to the careful combination of the oven insulating.**

## 5. Technical equipment

### 5.1 Temperature safety device

With built-in appliances, there is a temperature fuse on the side of the air channel that switches off the appliance in the event of overheating. The measured temperature value during a cutoff is 90°C.



**Fig.: Built-in position - Temperature fuse (Sample illustration)**

- Notes:**
- for wiring diagram see chapter 7
  - Deviations possible with floor-mounted stoves

### 5.2 Fan after-running

The cooling fan switches on automatically when putting the appliance into operation. First it is in operation to keep cool the appliance surfaces. After the oven was switched off, the fan continues running to cool the appliance and then switches off automatically at a centre of gravity temperature of the muffle of approx. 120°C-130°C. The post-operative ventilation is controlled via the electronics.

- Note:**
- for wiring diagram see chapter 7
  - Deviations possible with floor-mounted stoves



### 5.3 Oven rack protective circuit



Appliances with Pyroluxe self-cleaning system are provided with a microswitch. This micro switch is located on the outer left side of the component board. Inserted baking grilles or racks trigger tripping a switching contact (micro switch) that prevents activation of the pyrolysis function.

**Note:** for wiring diagram see chapter 7

## 6. Fault diagnosis/ What to do if ...?

### 6.1 Alarmmanagement (Faultcodes)

#### Alarmmanagement Powerboards Prisma, OVC1000 und OVC2000

Display	Description of fault	Fault repair
F0	Internal error	replace power electronics
F1	door cannot be locked	Test door locking system
F2	door cannot be unlocked	Test door locking system and unlocking thermostat f11
F3	software error	Execute network reset by disconnecting the appliance from the electricity supply and restarting
F94	Temperature sensor alarm - resulting in F4	Test temperature sensor, replace if necessary
F4	Temperature sensor without contact or short circuit	Test temperature sensor, replace if necessary
F5	Clotted heating element relay contacts on the power electronics	Replace power electronics
F95	Temperature alarm at power electronics - resulting in F6	Test built-in situation of the ventilation channel and the function of the cooling fan
F96	Temperature alarm at power electronics - resulting in F6	Test built-in situation of the ventilation channel and the function of the cooling fan
F6	Power electronics temperature too high	Test built-in situation of the ventilation channel and the function of the cooling fan
F7	Faulty electrical connection (only in appliances with Prisma power electronics)	Correctly connect the appliance and re-start
F8	No connection between power electronics and input electronics	Check connection line - replace electronic systems if necessary
F9	Micro processor resets itself independently (= Reset)	Execute network reset by disconnecting the appliance from the electricity supply and restarting
F10	Triac on power electronics defect	Activate Main Button, select an operation modus with hot air, wait for cooling ventilation start, replace power electronics again in the event of an error report following approximately 20 seconds
F11	Meat skewer sensor without contact or short-circuited	Check meat thermometer, also check bushing and wiring if necessary; if all this OK replace power electronics
F91	Temperature sensor alarm for steam generator - resulting in F12	Test temperature sensor, replace if necessary
F12	Temperature sensor of steam generator without contact or short-circuited	Test temperature sensor, replace if necessary
F13	Internal electronics error	Replace power electronics
F14	software error	Replace input electronics
F15	Internal electronics error	Replace input electronics
F16	Combined alarm Pyrolytic cleaning/cooking zone	Replace input electronics

F21	Temperature in muffle too high for starting calibration	Restart calibration -> or replace electronics
F22	Starting calibration temperature not utilisable	Restart calibration -> or replace electronics
F23	Internal hardware error	Replace electronics
F24	Internal hardware error	Replace electronics
F25	Internal hardware error	Replace electronics
F26	Calibration error	Restart calibration -> or replace electronics
F27	Electronics in unknown state	Replace electronics
F28	No connection between SMART electronics and interface	Check line between SMART electronics and interface -> if ok, replace SMART electronics
F29	Component defect	Replace electronics

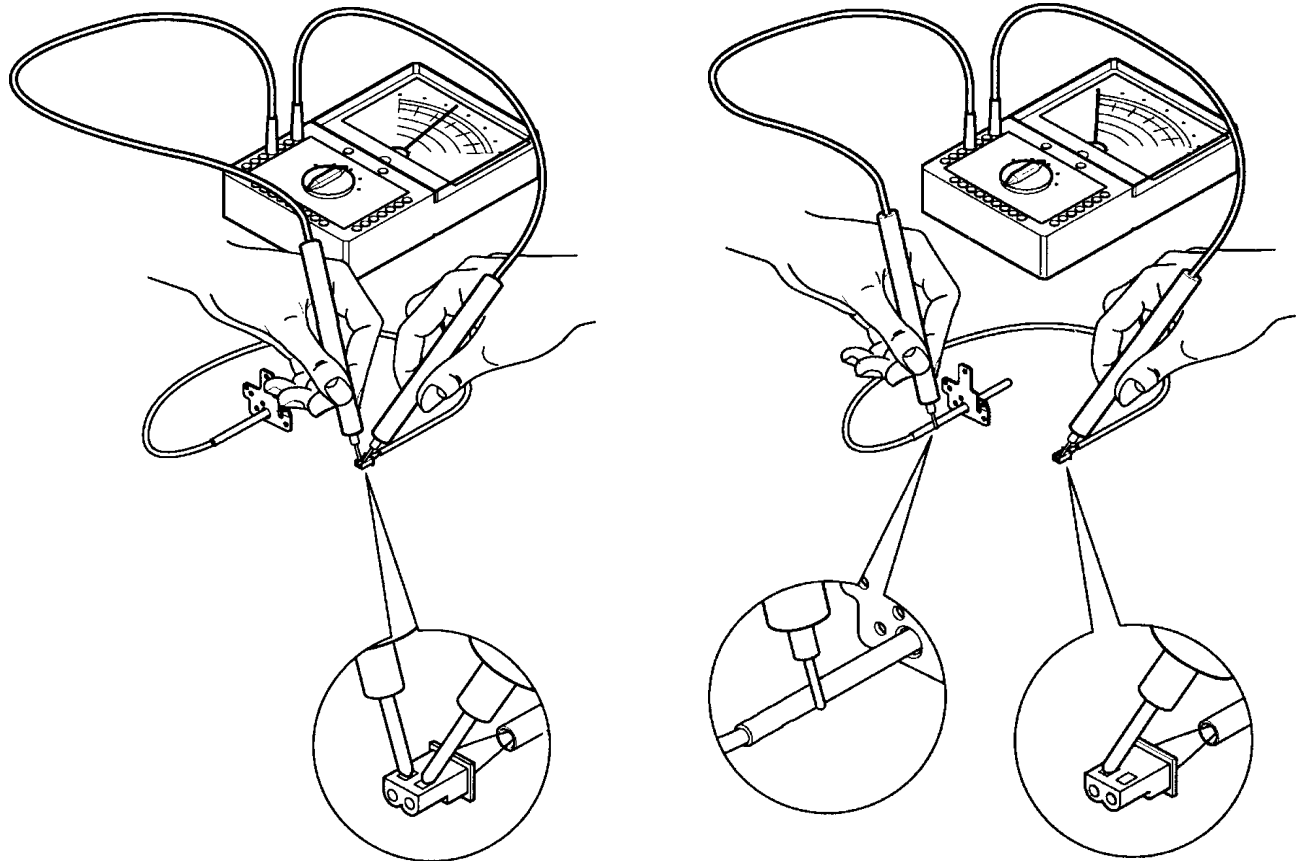
## 6.2 Measuring the temperature sensor

If a failure at the temperature sensor is assumed, the resistance can be checked by means of an ohmmeter.

The resistance of the temperature sensor should be 500 – 600 ohms at room temperature.

Make sure to measure the insulation resistance between the metallic housing and each connection terminal.

The resistance should be higher than 2 MOhms.



**Abb. Measuring the temperature sensor**

## 6.3 Demo Mode Input electronic SMART

### 6.3.1 Activating / deactivating Version a

- Oven in off state or standby with main menu (no function is chosen).



- Press the main switch as long as the appliance is off again and a signal resounds (beep...beep). Then go quickly to step 3.
- After the signal resounded press fastly the mode - button (within 5 seconds) as long as you hear another signal which confirms the demo mode (beep, beep, beep).



- Demo mode is now active.  
When the oven is switched on, "DEMO" is shown in the left upper corner of the display.



Deactivation analogue as activation.

If a wrong key is pushed or the process lasts too long you have to start the Activation-process again with steps 1. – 3.

### 6.3.2 Activating / deactivating Version b

Start position: The appliance must be switched off.

Display: "Time" (fig. 1).



Fig. 1

Operating step 1: Press the main switch for 5 seconds, the appliance switches itself "ON" and then "OFF" again.

Display: "Standby" (fig. 2) ---> "Time" (fig. 3).

Acoustic signal: 1x "Beep" as confirmation.



Fig. 2



Fig. 3

Operating step 2: Press "Selection" button for 5 seconds (fig. 3).

Acoustic signal: 3 x "Beep" as confirmation.



Fig. 4



Fig. 5

Operating step 3: Switching the appliance on with the main switch

Display: active Demo Mode ---> "DEMO" (fig. 5).  
deactivated Demo Mode ---> none (fig. 6)

## 6.4 Factory test

The factory test can only be activated during the display of the brand logo, after the appliance has been connected anew!

Actuate the touch pads simultaneously until you can hear a signal (beep). The factory test starts with the

---> **consumer test**

Depending on the appliance group (see tables) you can switch through various consumers in five steps and check them for function by using the touch pad. This cycle can be repeated as often as desired.

appliance group	Step	symbol is indicated in the display								Cooling fan	Oven lamp	Wrasenventil
		Grill heater element	Lower heat	Upper heat	Annular heating element	Steam generator.	Hot air motor	Turnspit motor	electric odour filter			
without Pyrolyse	1	x								slowly	x	
	2*		x						x	slowly		
	3			x						slowly	x	
	4				x		x			slowly	x	
	5								x	slowly		
Steam	1	x								slowly	x	x
	2*		x							fast		
	3			x						slowly	x	x
	4				x		x			slowly	x	x
	5					x				slowly	x	x
with Pyrolyse	1	x								slowly	x	
	2*		x						x	fast		
	3			x						slowly	x	
	4				x		x			slowly	x	
	5								x	fast		
with Pyrolyse and spit	1	x						x		slowly	x	
	2*		x						x	fast		
	3			x						slowly	x	
	4				x		x			slowly	x	
	5								x	fast		

**OK**

Continue by using

---> **temperature sensor test**

The current oven temperature is measured and indicated in the display.

---> **meat thermometer test**

Insert the meat spit into the respective plug socket,

- the currently measured temperature of the meat thermometer is indicated.

**OK**

Continue by using the touch pad

---> **information on the input electronic version**

Following information is indicated one after the other:

- firmware version of input electronic
- configuration version of input electronic
- working time of oven

Example  
EBAIB205  
V02IB012  
0

**OK**

Continue by using the touch pad

---> **display Test**

- complete indication of display
- display completely dark
- complete display in checker pattern
- indication of single pixels

**OK**

Continue by using the touch pad

---> **display brightness**

By the touch pads "+" and "-" you can set the brightness of the display.

OK

Continue by

---> door locking test

- is automatically started with appliances with pyrolysis.

In order to operate the appliance normal again and to leave the factory test respectively you must disconnect it from the mains and connect it again!

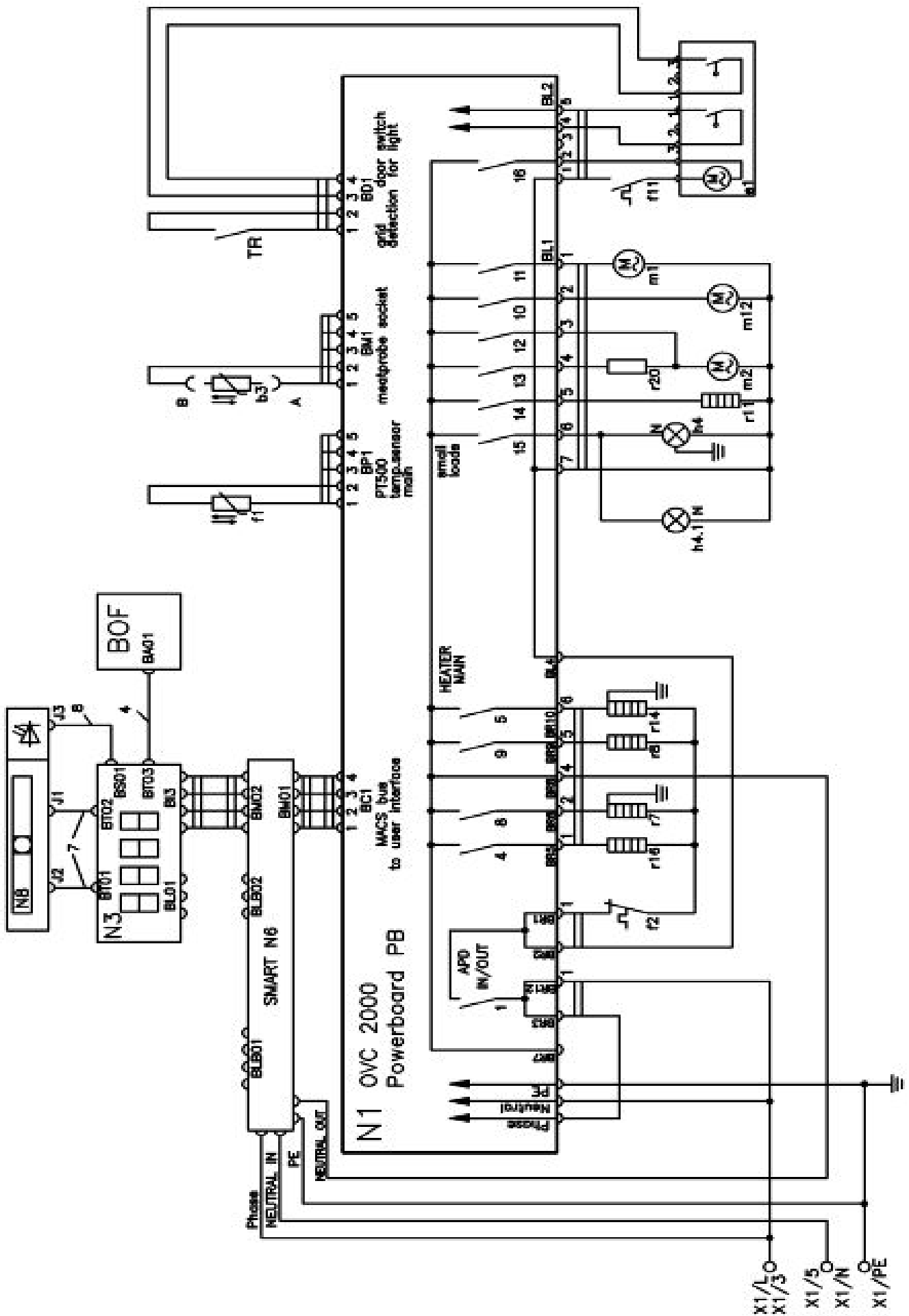


## 7. Wiring diagram / measuring points

### 7.1 Connection Point Overview



## 7.2 Example circuit diagram OVC 2000



### 7.3 Operative Equipment Overview

	EN
Kennzeichen	Description
a1	Switch 7-step front left
a2	Switch 7-step rear left
a3	Switch 7-step rear right
a4	switch 7-step front right
a7	Heating mode selector main oven
a7.1	Heating mode selector top oven
a8	LTC(Low Temp. Cooking) switch
a15	Touch electronic switch warming zone
a31	energy regulator front left
a32	energy regulator rear left
a33	energy regulator rear right
a34	energy regulator front right
a61	touch electronic switch front left
a62	touch electronic switch rear left
a73	touch electronic switch rear right
a84	touch electronic switch front right
A1	actuator exhaust
A2	Actuator desteam
b3	Socket meatprobe
BOF	mode selector function
BOT	mode selector temperature
c4	interference filter
D	hob connector 12-pol.
DS	door switch
e1	Door lock pyro
e11	Distributor plate pot detection
E	hob connector 8-pol.
F	hob connector 21pol
f1	Main oven thermostat
f1.1	Top oven thermostat
f2	safety temp. limiter main oven
f2.1	safety temp. limiter top oven
f5	Thermostat cooling fan delay
f6	Thermostat fast run cooling fan pyro
f7	sensor to magnetron
f8	LTC(Low Temp. Cooking) thermostat
f11	Thermostat unlock pyro
f12	Thermostat cooling fan delay
f15	2. safety temp. limiter oven
f16	thermostat overheating warning
f19	rack thermostat
f21	saftey temp. limiter grill
f22	saftey temp. limiter fryer
f31	residual contact front left
f32	residual contact rear left
f33	residual contact rear right
f34	residual contact front right
G5	magnetron
h1	Lamp working
h1.1	lamp working top oven
h1.4	lamp working hot plate front left
h1.5	lamp working hot plate rear left
h1.6	lamp working hot plate rear right
h1.7	lamp working hot plate front right

	EN
Kennzeichen	Description
h3	lamp heating main oven
h3.1	lamp heating top oven
h4	oven lamp main oven
h4.1	oven lamp side main oven
h4.6	lamp halogen
h5	oven lamp top oven
h5.1	oven lamp side top oven
h7	meatprobe display
h9	lamp overheating
h10	analog timer
h11	electronic timer
h12	6-push electronic timer
h20	timer primary code hob
h30	residual lamp
h40	display board
h52	display oven
K	clutch
k1	LTC(Low Temp. Cooking) relay
KS	switch child safety
KS1	rotary hot plate front left
KS2	rotary hot plate rear left
KS3	rotary hot plate rear right
KS4	rotary hot plate front right
M1	Hob connector 14-pol. 1+2
M2	Hob connector 14-pol. 3+4
M3	Connector 11-pol.
M4	Connector 7-pol.
M5	Connector 3-pol.
m1	fan hot air
m2	fan cooling
m3	transformer halogen lamp
m4	transformer timer
m5	transformer electronic
m6	motor stirrer
m8	transformer high voltage
m12	turnspit motor
m13	Ignition coil gas
m20	cooling fan, L3
N1	electronic powerboard
N2	modul of induction
N3	electronic board Rhea
N4	connector board
N5	Power supply unit lightbar
PE3	ground point front frame left
PE4	ground point front frame right
PE/1b	ground point component plate
Q1	quick start module top oven
r6	top heating/grill combination
r7	main oven top heating element
r7.1	top oven top heating element
r8	main oven bottom heating element
r8.1	top oven bottom heating element
r11	fat and smell
r12	thermal switch

	EN
Kennzeichen	Description
r14	main oven grill heating element
r14.1	top oven grill heating element
r15	warming zone
r16	rear
r19	rack heating
r20	preresistor cooling fan
r21	heater grill
r22	heater fryer
r27	preresistor oven lamp
r27.1	preresistor oven lamp side
r31	cooking plate front left
r32	cooking plate rear left
r33	cooking plate rear right
r34	cooking plate front right
r35	cooking plate middle
s1	sensor pot detection front left
s2	sensor pot detection rear left
s3	sensor pot detection rear right
s4	sensor pot detection front right
s11	micro switch gas to electro
s12	micro switch grill to fryer
s13	micro switch grill socket
s14	micro switch sensor
s19	rack switch
s21	sensor grill
s22	sensor fryer
s23	Sensor wok (middle)
s31	Ignition switch front left
s32	Ignition switch rear left
s33	Ignition switch rear right
s34	Ignition switch front right
TR	telescopic runner switch
X1	main terminal
X10	tandem pin shells 6-pol.
X11	tandem pin shells 8-pol.
X12	connector hob
x20	frame connector, L3

## Changes

Pages 26, Chapter 6.1 changed