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Explanation:

Key w/o LED..... S/P S/P

Key with LED..... S/P S/P

Program selector..... pos. 9

LED Start / Pause illuminate..... S/P

LED Start / Pause is flashing..... S/P

LED Start / Pause is off..... S/P

Press key..... → S/P

Turn program selector to pos.9 while key is pressed..... →| + pos. 9

Leave key..... ←

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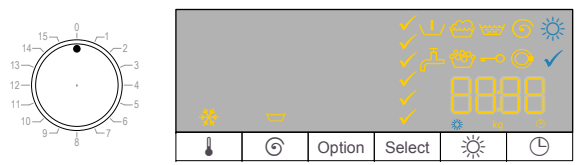

1 FAULT CODES AND APPLIANCE MESSAGES

Display F.No	Normal-	Test mode	Description Possible effect	Possible Cause	Check / Remedial action / Remark
1.1	**Fault codes (in ascending order)**				
FATAL ERROR sequence:			- washing or drying program aborted - door is locked possibly - operator control actions are blocked	- display is frozen - pump is activated possibly	
7		E:07	**Condensor outlet NTC error** - FATAL ERROR without pumping	- Condenser outlet NTC broken or short circuit	- check condenser outlet NTC - and drying unit wire harness
8		E:08	**Condensor inlet NTC error** - FATAL ERROR	- Condenser inlet NTC broken or short circuit	- check condenser inlet NTC - and drying unit wire harness
9	E:09	E:09	**Drying tunnel outlet NTC error** - FATAL ERROR	- Drying tunnel outlet NTC broken or short circuit	- check drying tunnel outlet NTC - and drying unit wire harness
16		E:16	**Door lock is not closed** - washing program is halted - a restart is possible - error will not be stored	- door is open - door switch is not actuated	- close door - check door lock, check wire harness Normal mode: start any washing program with an open door
17		E:17	**water filling time exceeded** (conventional measurement) - washing program is halted - pump starts after 5 min - a restart is possible	- water tap is closed - water pressure <1bar at supply - filter or supply is blocked - solenoid valve / aqua stop valve is broken - pressure sensor is broken	- open water tap - check components, wire harness Pos. 7 Water level (Pressure sensor) Pos. 4 Valves
18	E:18	E:18	**pumping time exceeded** - FATAL ERROR without 90sec pumping	- pump is blocked or broken - pressure sensor is broken - hose to the pressure sensor is blocked - draining hose is blocked	- switch ON/OFF for reset - check components, wire harness Pos. 5 Pump

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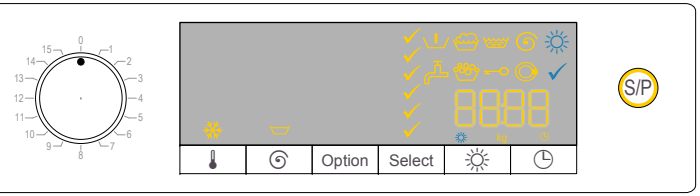

Display F.No	Normal-	Test mode	Description Possible effect	Possible Cause	Check / Remedial action / Remark
FATAL / REMANENT ERROR sequence:			- washing or drying program aborted **-** door is locked possibly - operator control actions are blocked	**-** display is frozen - pump is activated possibly	**Reset REMANENT ERROR:** "Safe state flag" must be set
19		E:19	**heating time exceeded** - washing program will be finished without heating	- heating circuit is broken - set temperature can not be achieved - low voltage - fossil heater or heater is broken - heater relay is blocked	- check heater - check wire harness - check control Pos. 6 Heater
20		E:20	**unexpected heating** - REMANENT ERROR	- NTC is broken (out of range) - heater relay is stuck - the heater is actuated in a non heating period	- reset remanent error (see instruction above) - check NTC, heater, replace power module Pos. 6 Heater
23	E:23	E:23	**aqua stop actuated** - washing program is aborted - the pump is actuated	- water in the base tub - leaky water system - aqua stop switch is blocked / broken	- check leak tightness of water system - check aqua stop switch, wire harness Normal mode
26		E:26	**error of analogue pressure sensor** (provides error voltage) - FATAL ERROR	- pressure sensor broken - hose to the pressure sensor is blocked	- switch ON/OFF for reset - check pressure sensor, wire harness Pos. 7 Water level (Pressure sensor)
28		E:28	**error of flow sensor** (provides implausible values) - The water intake is changed from volume based to time based	- flow sensor is broken	- check flow sensor - check wire harness Pos. 7 Water level (Pressure sensor)
29		E:29	**no water filling detected by flow sensor** (fast measurement) - washing program is halted - a restart is possible	- water tap is closed - water pressure <1bar at supply - filter is blocked / supply is blocked - valves or pressure sensor broken	- open water tap - check components, wire harness Pos. 7 Water level (Pressure sensor) Pos. 4 Valves
31		E:31	**overflow level exceeded** - pump is activated until water level < overflow level (at least 3 min) - the program is continued	- pump, draining hose is blocked, valve is stuck - adjustment of pressure sensor is incorrect └ pressure sensor is blocked └ hose to the pressure sensor is blocked	- check components, wire harness Pos. 7 Water level (Pressure sensor) Pos. 4 Valves Pos. 5 Pump

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Display F.No	Normal-	Test mode	Description Possible effect	Possible Cause	Check / Remedial action / Remark
FATAL / REMANENT ERROR sequence:			- washing or drying program aborted **-** door is locked possibly - operator control actions are blocked	**-** display is frozen - pump is activated possibly	
34		E:34	**Door lock can not be locked** - washing program is aborted - door is unlocked possibly - operator control actions are blocked	- door lock is broken - door, or door hook is stuck - stiff gasket	- switch ON/OFF for reset - check door lock - check mechanic - check wire harness
35		E:35	**Door lock can not be unlocked** - FATAL ERROR without prgram abort and pumping	- door lock broken - Window clamp - gasket to inflexible	- switch ON/OFF for reset - check door lock, mechanism, and wire harness
37		E:37	**Error of temperature sensor: break** - washing program will be finished without heating	- NTC is broken	- check NTC, and wire harness Pos. 6 Heater
38		E:38	**Error of temperature sensor: short-circuit** - washing program will be finished without heating	- NTC is short-circuit	- check NTC, and wire harness Pos. 6 Heater
40		E:40	**Error of mains frequency synchronisation** - washing program is aborted	- weak power supply	- Check power supply Normal mode
42		E:42	**Uncontrolled run up of drum motor** - FATAL ERROR without 90sec pumping	- Speed sensor, control, or triac on control is broken - Motor is blocked, drum is blocked by laundry	- start test mode for reset - check control Pos. 3 Motor, normal mode
43		E:43	**Locked rotor (for normal mode only in error stack and Last Error)** - washing program is finished with limited motor running	- drum is blocked by laundry - motor is blocked	- switch ON/OFF for reset without laundry - check load, check motor Pos. 3 Motor
44		E:44	**Test of reversing relay failed** - FATAL ERROR without 90sec pumping	- control is broken - triac is broken	- start test mode for reset - check control Pos. 3 Motor, normal mode
56		E:56	**Power unit & operating unit communication error** Normal mode: - appliance is switched off after 60s, error is stored Test mode: FATAL ERROR (a)	- faulty D-Bus communication between PU and OU	- switch ON/OFF for reset - check wire harness between PU and OU

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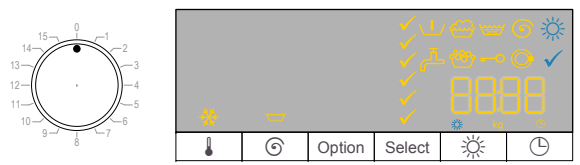

Display F.No	Normal-	Test mode	Description Possible effect	Possible Cause	Check / Remedial action / Remark
FATAL / REMANENT ERROR sequence:			- washing or drying program aborted **-** door is locked possibly - operator control actions are blocked	- display is frozen - pump is activated possibly	
59		E:59	**3D-Sensor: measurement error or plausibility error** - reduced spin speed	- wire harness, control, or 3D-Sensor is broken - EMC failure - magnet not in position - software of 3D-Sensor is incompatible	- check wire harness, control, 3D-Sensor - check position of magnet Pos.3 Motor
61		E:61	**Implausible door lock status** - FATAL ERROR	- door is locked but open - emergency unlock was actuated by hand	- switch ON/OFF for reset - check door lock, mechanic, and wire harness Normal mode
63		E:63	**System error** - FATAL ERROR without 90sec pumping	- no communication between power-/operating unit - no communication between power-/drying module	- check D-Bus wire harness - replace power- or dryer module
67	E:67	E:67	**Implausible or inexistent variant coding** - FATAL ERROR without 90sec pumping	- incorrect or inconsistent variant coding on PU/OU - software of control is incompatible	- switch ON/OFF for reset - reapeat variant coding - replace control(s) - reprogram the control(s) (development only) Variant coding
68		E:68	**Magnetic door lock actuation not possible (according tocoil temperature “A:03”)** MINOR - error is stored in error stack only in normal mode	- temperature of the door lock coil is too high for actuation (lock or unlock)	- it is just a warning Normal mode
73		E:73	**PU-DU communication** - FATAL ERROR (c, d)	- wrong PU-DU communication	- replace control(s) - reprogram the control(s) (development only)

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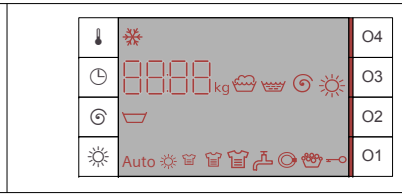

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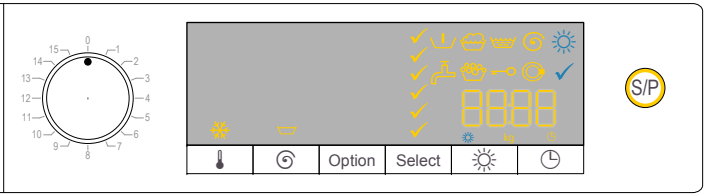

2 SERVICE PROGRAMS

Function	Actuation	Display	Remark
2.1 Customer Service Test Program			
Activate test mode:	Close door		
	Switch off appliance pos. 0		- Appliance was switched off for at least 5s
	Set program selector to pos. 8	S/P	- The following operational sequence must be performed within 15s
	Press key + pos. 9	S/P	- Set the program selector to pos. 9, while the „temperature“ key is actuated Start/Pause is flashing
	Release key	P:09 S/P	- Release the „temperature“ key P:09 is displayed
		E: S/P	Last occured error code will be displayed for about 5sec, otherwise nothing will be displayed. See Error search
Select test program:	Set program selector	S/P	- Select the test program by setting program selector
	Set program selector to pos. 1	P:01 S/P	Pos. 1 – Automatic test
	Set program selector to pos. 2	P:02 S/P	Pos. 2 – Fans (dryer)
	Set program selector to pos. 3	P:03 1400 S/P	Pos. 3 – Motor (reversing and spinning) Max. spin speed is displayed
	Set program selector to pos. 4	P:04 S/P	Pos. 4 – Valves
	Set program selector to pos. 5	P:05 S/P	Pos. 5 – Pump
	Set program selector to pos. 6	P:06 S/P	Pos. 6 – Heater (washer)

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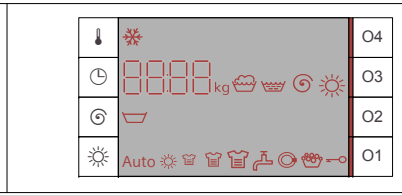

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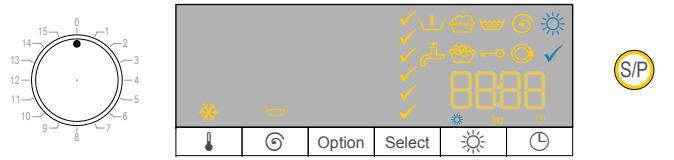

Function	Actuation	Display	Remark
	Set program selector to pos. 7	P:07 S/P	Pos. 7 – Pressure sensor adjustment
	Set program selector to pos. 8	P:08 S/P	Pos. 8 – Not implemented
	Set program selector to pos. 9	P:09 S/P	Pos. 9 – Flow sensor
	Set program selector to pos. 10	P:10 S/P	Pos. 10 – Not implemented
	Set program selector to pos. 11	P:11 S/P	Pos. 11 – Not implemented
	Set program selector to pos. 12	P:12 S/P	Pos. 12 – Heater dryer (2 stage)
	Set program selector to pos. 13	P:13 S/P	Pos. 13 – Buttons and optical indicator elements
	Set program selector to pos. 14	P:14 S/P	Pos. 14 – Not implemented
	Set program selector to pos. 15	P:15 S/P	Pos. 15 – Not implemented
Start or restart test program:	Press key → S/P	S/P	- Press Start/Pause 2 times **to restart** a program from the beginning Start/Pause is illuminating
Abort test program:	Press key or → S/P / ↺	S/P	- Door stays locked if a security relevant instance is detected (to high water level, -spin speed, or -temperature) Door icon and, or Start/Pause is flashing
Leave test mode:	Set program selector to pos. 0		- The test mode is left also after a mains power blackout

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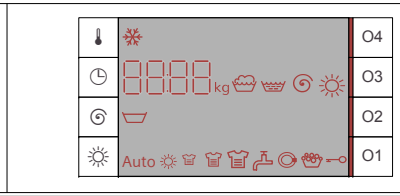

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Function	Actuation	Display	Remark

2.2 Stored error-codes / error search

Activate error search	Close door		- Error search mode activation is possible, even if the appliance is in FATAL ERROR state
	Switch off appliance pos. 0		
	Set program selector to pos. 4	S/P	- Wait until Start/Pause is flashing Start/Pause is flashing
	Press key + pos. 5	S/P	- Set the program selector to pos. 5, while the „temperature“ key is actuated
	Release key	S/P	Start/Pause is switched off
Display of 1st error per monitoring period:	Set program selector	First error: / No error: S/P	- Select the monitoring period by setting program selector First error, or E:00 is shown
	Set program selector to pos. 1	E: / E:00 S/P	Pos. 1 – First error of the last monitoring period
	Set program selector to pos. 2	E: / E:00 S/P	Pos. 2 – First error of the 2nd last monitoring period
	Set program selector to pos. 3	E: / E:00 S/P	Pos. 3 – First error of the 3rd last monitoring period
	Set program selector to pos. 4	E: / E:00 S/P	Pos. 4 – First error of the 4th last monitoring period
	Set program selector to pos. 5	E: / E:00 S/P	Pos. 5 – First error of the 5th last monitoring period
	Set program selector to pos. 6	E: / E:00 S/P	Pos. 6 – First error of the 6th last monitoring period

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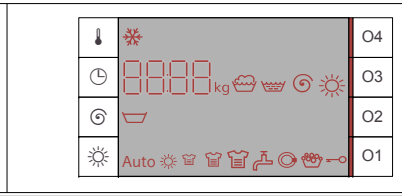

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Function	Actuation	Display	Remark
	Set program selector to pos. 7	E: / E:00 S/P	Pos. 7 – First error of the 7th last monitoring period
	Set program selector to pos. 8	E: / E:00 S/P	Pos. 8 – First error of the 8th last monitoring period
	Set program selector to pos. 9-15	No display S/P	Pos. 9-15 – Not implemented
Display of errors:	Press key →	0 error: E:00 S/P	- Switch through next occured error(s) for the selected monitoring period Next error(s), or E:00 is shown
	Press key →	1st error: E: S/P	- If at least one error is stored for the selected monitoring period, then the 1st error stored within this monitoring period is displayed
	Press key →	2nd error: E: S/P	Otherwise E:00 is displayed
		and so on S/P	
Leave error display mode:	Set program selector to pos. 0		- The error display mode is left also after a mains power blackout

3 FUNCTIONS OF SERVICE PROGRAMS

Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
3.1 Customer Service Test Program						
Pos. 1 Automatic test						
	Press key → S/P	P:01 S/P			- Start program	Start/Pause is flashing
Door is locked		P:01 S/P				Start/Pause is illuminating
Quick test of all components		P:01 S/P				- The sequence is shown on the next page

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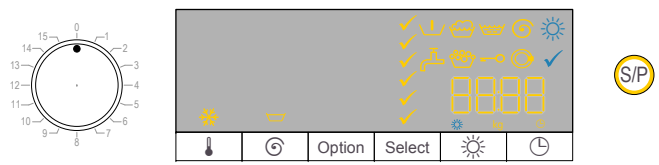

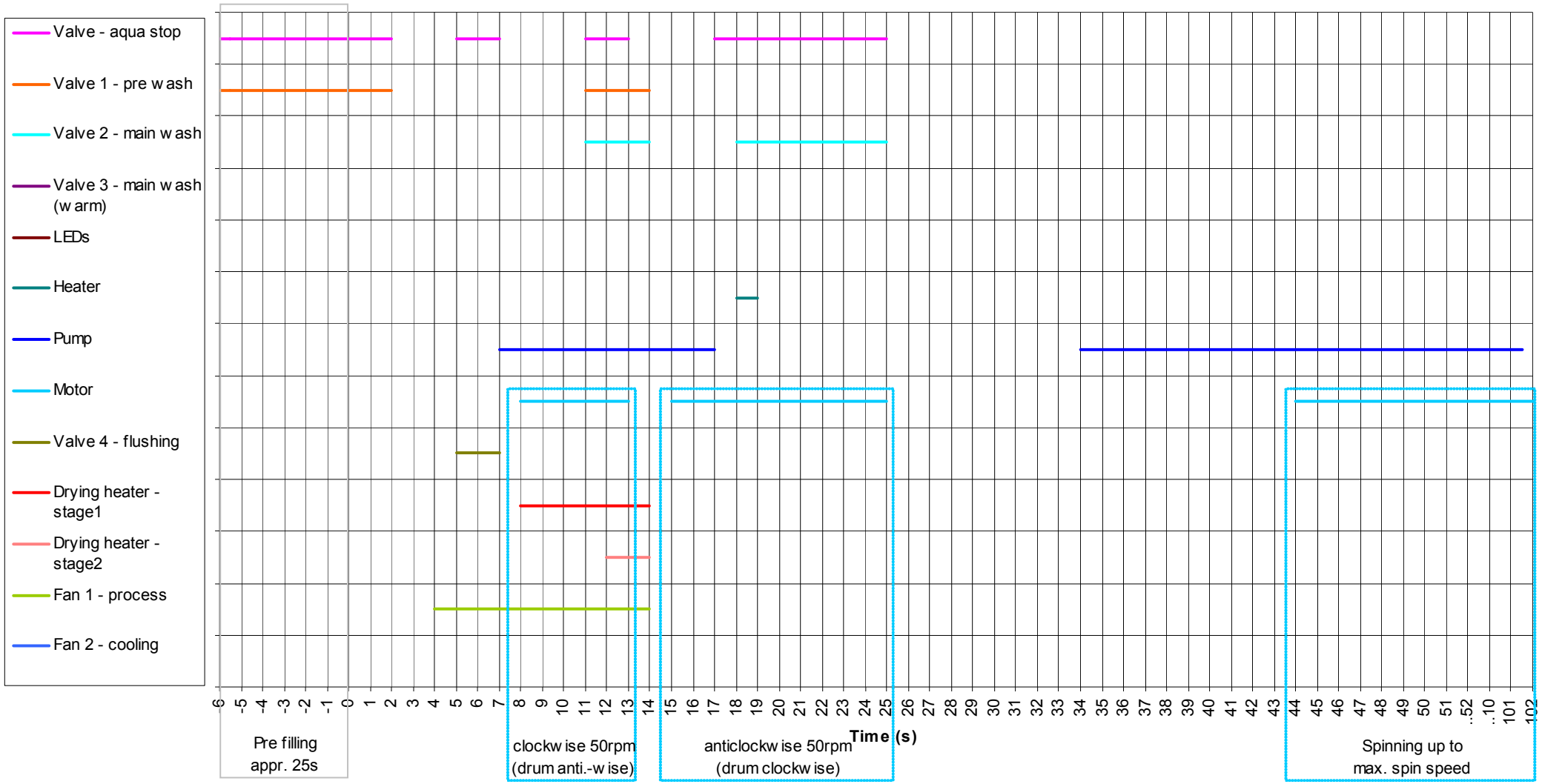

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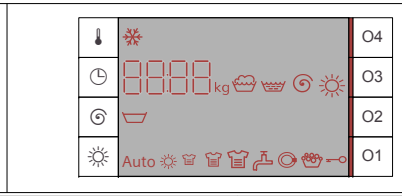

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Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
Pos. 2 Fans (dryer)						
	Press key → S/P	P:02 S/P			- Start program	Start/Pause is flashing
Door is locked		P:02 S/P				Start/Pause is illuminating
Activation of process air fan		P:02 S/P	5			
Pause		P:02 S/P	2			
Activation of cooling air fan		P:02 S/P	5			
Pause		P:02 S/P	2			
Activation of process and cooling air fan		P:02 S/P	5			
Door is unlocked		P:02 S/P				Start/Pause is flashing

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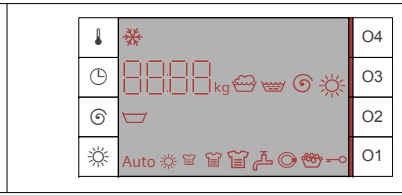

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Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
Pos. 3 Motor						
	Press key → S/P	P03 S/P			- Start program	Start/Pause is flashing
Door is locked		P03 S/P				Start/Pause is illuminating
Pump is activated		P03 S/P				
Drum is rotated anticlockwise		P03 S/P		50rpm		
Pause		P03 S/P	2			
Drum is rotated clockwise		P03 S/P		50rpm		
Spin speed is increased to max. spin speed		P03 S/P				
Spinning at maximum spin speed		P03 S/P	appr. 4min	max. rpm		
Pump is switched off		P03 S/P				
Door is unlocked		P03 1400 S/P				Start/Pause is flashing

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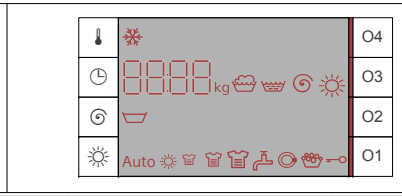

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Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
Pos. 4 Valves						
	Press key → S/P	P04 S/P			- Start program	Start/Pause is flashing
Door is locked		P04 S/P				Start/Pause is illuminating
Pump is activated until the appliance is completely drained		P04 S/P				
Water inlet via V1 - pre wash		P04 S/P	7			
Water inlet via V2 - main wash		P04 S/P	10			
Water inlet via V4 - flushing		P04 S/P	10			
Water inlet via V1 & V2 – pre- & main wash		P04 S/P		½ drum-ø		- Water inlet until water level has reached half of drum volume
		P04 S/P				- Door remains locked Start/Pause is flashing
Pos. 5 Pump						
	Press key → S/P	P05 S/P			- Start program	Start/Pause is flashing
Door is locked		P05 S/P				Start/Pause is illuminating
Pump is activated until the appliance is completely drained		P05 S/P				
Door is unlocked		P05 S/P				Start/Pause is flashing

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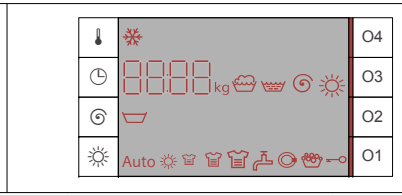

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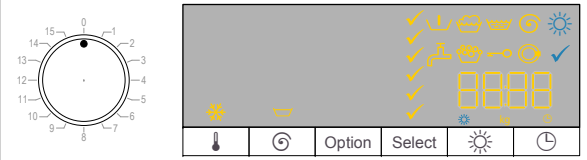

Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
Pos. 6 Heater						
	Press key → S/P	P:06 S/P			- Start program	Start/Pause is flashing
Door is locked		P:06 S/P				Start/Pause is illuminating
Water inlet until heater-on level is reached		P:06 S/P				
Heater is activated		P:06 S/P		85°C		
		P:06 S/P				- Door remains locked Start/Pause is flashing
Pos. 7 Pressure sensor adjustment						
	Press key → S/P	P:07 S/P			- Start program	Start/Pause is flashing
Door is locked		P:07 S/P				Start/Pause is illuminating
Pump is activated until the appliance is completely drained		P:07 S/P				
Pressure sensor adjustment starts		P:07 S/P				
Pressure sensor adjustment ends		P:07 S/P				
Water inlet via V1 - pre wash		P:07 S/P		appr. 2-4cm	(measured from drum body up to the water surface)	- Water inlet until target level for measuring is reached
Door is unlocked		P:07 S/P				Start/Pause is flashing

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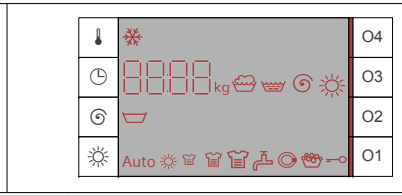

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Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note
Pos. 9 Flow rate sensor						
	Press key → S/P	P09 S/P			- Start program	Start/Pause is flashing
Door is locked		P09 S/P				Start/Pause is illuminating
Flow measurement starts		P09 S/P				
Water quantity measurement starts		P09 S/P				
Pump is activated until the appliance is completly drained		P09 S/P				
Water inlet via V1 - pre wash		P09 S/P		5 l		
Water quantity measurement ends		P09 S/P				
Flow measurement ends		P09 S/P				
		P09 S/P				- Door remains locked Start/Pause is flashing or error E:29 is displayed

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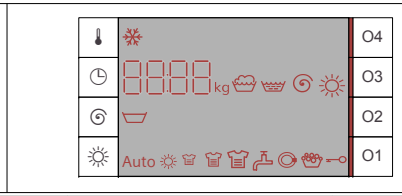

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Function	Actuation	Display	Remark Time(s)	Value	Inspection / Corrective	Note

Pos. 12 Heater dryer

	Press key → S/P	P: 12 S/P			- Start program	Start/Pause is flashing
Door is locked		P: 12 S/P				Start/Pause is illuminating
Process- and cooling fan are activated		P: 12 S/P				
Drying heater - stage 1 (low segment) is activated		P: 12 S/P	5			
Drying heater - stage 2 (high segment) is activated		P: 12 S/P	5			
Drying heater - stage 1 (low segment) is switched off		P: 12 S/P				
Pause		P: 12 S/P	5			
Drying heater - stage 2 (high segment) is switched off		P: 12 S/P				
Process- and cooling fan are switched off		P: 12 S/P				
Door is unlocked		P: 12 S/P				Start/Pause is flashing

Pos. 13 Display

	Press key → S/P	S/P			- Start program	Start/Pause is flashing
All display segments are activated		All display segments S/P				Start/Pause is illuminating
	Press key → S/P	S/P			- Press Start/Pause to abort the program	Start/Pause is flashing

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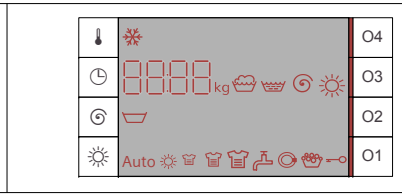

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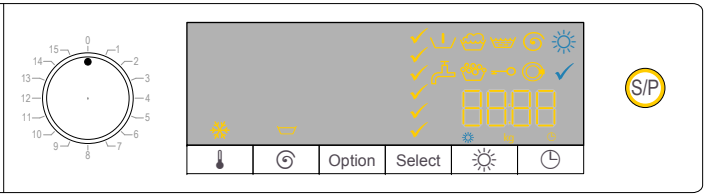

4 VARIANT CODING

Function	Actuation	Display	Remark
4.1 Variant Coding PU			! The variant code is printed at the rating plate at the back of the appliance and at the door label
Activate PU variant coding mode:	Close door		
	Switch off appliance pos. 0		- Appliance was switched off for at least 5s
	Set program selector to pos. 12	S/P	Start/Pause is flashing
	Press key + pos. 11	S/P	- Set the program selector to pos. 9, while the „temperature“ key is actuated
	Release key	PU. S/P	- Release the „temperature“ key Start/Pause is illuminating
Select variant used by PU:	Set program selector	PU. S/P	- Select the variant by setting program selector
	Set program selector to pos. 1	PU. S/P	Pos. 1 – Machine device class Actual variant code value is displayed
	Set program selector to pos. 2	PU. S/P	Pos. 2 – Speed variant Actual variant code value is displayed
	Set program selector to pos. 3	PU. S/P	Pos. 3 – Aqua stop / Warm water Actual variant code value is displayed
	Set program selector to pos. 4	PU. S/P	Pos. 4 – Water valve variant Actual variant code value is displayed
	Set program selector to pos. 5	PU. S/P	Pos. 5 – Door lock variant Actual variant code value is displayed
	Set program selector to pos. 6	PU. S/P	Pos. 6 – Flow sensor Actual variant code value is displayed
	Set program selector to pos. 7	PU. S/P	Pos. 7 – Turbidity sensor (not used yet) Actual variant code value is displayed

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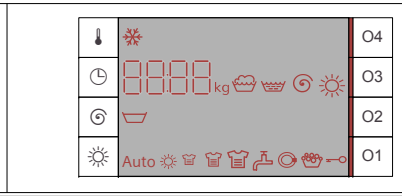

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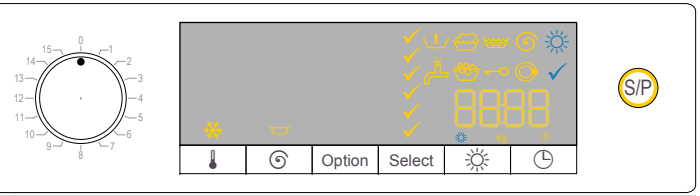

Function	Actuation	Display	Remark
	Set program selector to pos. 8	PU. S/P	Pos. 8 – 3D sensor (not used yet) Actual variant code value is displayed
	Set program selector to pos. 9	PU. S/P	Pos. 9 – Foam wash sensor (not used yet) Actual variant code value is displayed
	Set program selector to pos. 10	PU. S/P	Pos. 10 – Dosage system (not used yet) Actual variant code value is displayed
	Set program selector to pos. 11	PU. S/P	Pos. 11 – VT-Set (not used yet) Actual variant code value is displayed
	Set program selector to pos. 12-15	S/P	Pos. 12-15 – Not implemented
Leave PU variant coding mode:	Set program selector to pos. 0		

Pos. 1 Setting machine device class
range 0...2

Variant 0: F21	Press key → □ → S/P	PU. 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: S21	Press key → □ → S/P	PU. 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: D21	Press key → □ → S/P	PU. 2 S/P	- Press any key (except Start/Pause) to change variant code value

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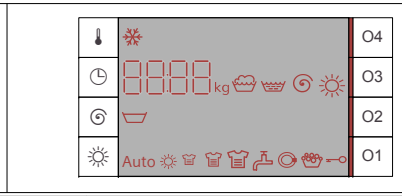

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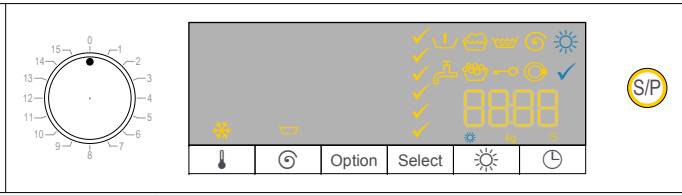

Function	Actuation	Display	Remark
Pos. 2 Setting speed variant range 0...7			
Variant 0: 1480rpm	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: 1200rpm	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: 1200rpm	Press key → S/P	PU: 2 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 3: 1200rpm	Press key → S/P	PU: 3 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 4: 1200rpm	Press key → S/P	PU: 4 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 5: 1200rpm	Press key → S/P	PU: 5 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 6: 1200rpm	Press key → S/P	PU: 6 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 7: 1200rpm	Press key → S/P	PU: 7 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 3 Setting Aqua stop / Warm water variant range 0...3			
Variant 0: without Aqua stop	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: with Aqua stop, cold water	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: with Aqua stop, warm water	Press key → S/P	PU: 2 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 3: with Aqua stop, cold & warm water	Press key → S/P	PU: 3 S/P	- Press any key (except Start/Pause) to change variant code value

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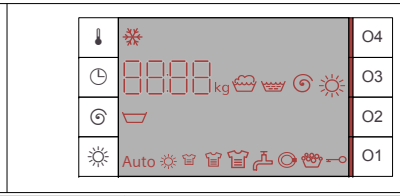

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Function	Actuation	Display	Remark
Pos. 4 Setting water valve variant range 0...3			
Variant 0: Double valve cold	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Triple valve (double cold & flush)	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: Triple valve (double cold & warm)	Press key → S/P	PU: 2 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 3: Double valve (cold & warm)	Press key → S/P	PU: 3 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 5 Setting door lock variant range 0...1			
Variant 0: Magnetic door lock	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: PTC door lock	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 6 Setting flow sensor variant range 0...3			
Variant 0: Without flow sensor	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: With flow sensor, cold water	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: With flow sensor, warm water	Press key → S/P	PU: 2 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 3: With flow sensor, cold & warm water	Press key → S/P	PU: 3 S/P	- Press any key (except Start/Pause) to change variant code value

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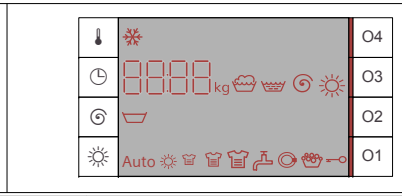

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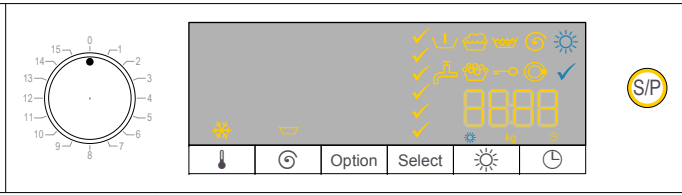

Function	Actuation	Display	Remark
Pos. 7 Setting turbidity sensor variant – not used yet range 0...1			
Variant 0: Without turbidity sensor	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: With turbidity sensor	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 8 Setting 3D sensor variant – not used yet range 0...1			
Variant 0: 3D Marquard	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: 3D Seuffer	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 9 Setting foam wash sensor variant – not used yet range 0...1			
Variant 0: Without foam wash sensor	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: With foam wash sensor	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 10 Setting dosage system – not used yet range 0...1			
Variant 0: Without dosage system	Press key → S/P	PU: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: With dosage system	Press key → S/P	PU: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 11 Setting VT set – not used yet range 0...1			

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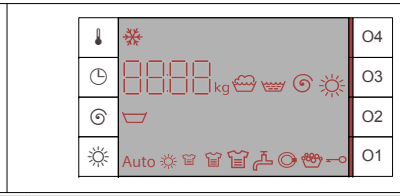

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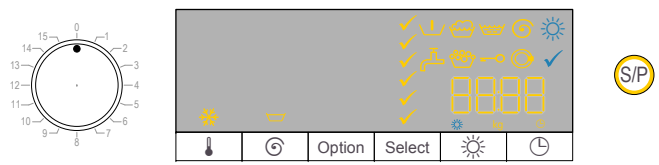

Function	Actuation	Display	Remark
4.2 OU variant coding		! The variant code is printed at the rating plate at the back of the appliance and at the door label	
Activate OU variant coding mode:	Close door		
	Switch off appliance pos. 0		- Appliance was switched off for at least 5s
	Set program selector to pos. 11	S/P	Start/Pause is flashing
	Press key + pos. 10	S/P	- Set the program selector to pos. 9, while the „temperature“ key is actuated
	Release key	OU. S/P	- Release the „temperature“ key Start/Pause is illuminating
Select variant used by OU:	Set program selector	OU. S/P	- Select the variant by setting program selector
	Set program selector to pos. 1	OU. S/P	Pos. 1 – Acoustic feedback Actual variant code value is displayed
	Set program selector to pos. 2	OU. S/P	Pos. 2 – Brand Actual variant code value is displayed
	Set program selector to pos. 3	OU. S/P	Pos. 3 – Child proof Actual variant code value is displayed
	Set program selector to pos. 4	OU. S/P	Pos. 4 – Load display Actual variant code value is displayed
	Set program selector to pos. 5	OU. S/P	Pos. 5 – Panel colour (not used yet) Actual variant code value is displayed
	Set program selector to pos. 6	OU. S/P	Pos. 6 – Sales area Actual variant code value is displayed
	Set program selector to pos. 7	OU. S/P	Pos. 7 – Overdosage Actual variant code value is displayed
	Set program selector to pos. 8	OU. S/P	Pos. 8 – Key variant Actual variant code value is displayed

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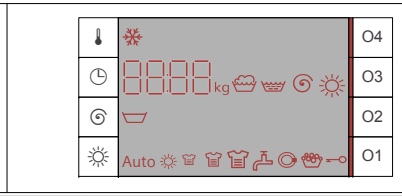

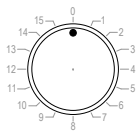

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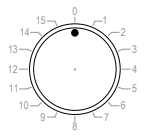

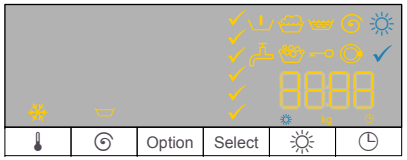

Function	Actuation	Display	Remark
	Set program selector to pos. 9	OU. S/P	Pos. 9 – Menu variant Actual variant code value is displayed
	Set program selector to pos. 10-15	OU. S/P	Pos. 10-15 – Not implemented
Leave OU variant coding mode:	Set program selector to pos. 0		
Pos. 1 Setting acoustic feedback - not used yet range 0...1			
Variant 0: Buzzer	Press key → S/P	OU. 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Speaker	Press key → S/P	OU. 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 2 Setting brand range 0...1			
Variant 0: Siemens	Press key → S/P	OU. 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Bosch, Neff	Press key → S/P	OU. 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 3 Setting child proof range 0...1			
Variant 0: With child proof	Press key → S/P	OU. 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Without child proof	Press key → S/P	OU. 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 4 Setting load display range 0...1			
Variant 0: With load display	Press key → S/P	OU. 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Without load display	Press key → S/P	OU. 1 S/P	- Press any key (except Start/Pause) to change variant code value

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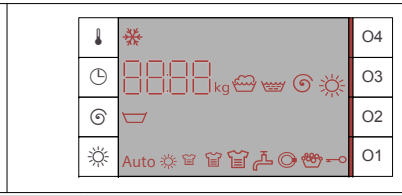

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Function	Actuation	Display	Remark
Pos. 5 Setting panel colour – not used yet range 0...3			
Variant 0: White	Press key → S/P	01: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Silver	Press key → S/P	01: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 2: Golden/Silver	Press key → S/P	01: 2 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 3: Stainless steel	Press key → S/P	01: 3 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 6 Setting sales area range 0...1			
Variant 0: China	Press key → S/P	01: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: Export	Press key → S/P	01: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 7 Setting overdosage range 0...1			
Variant 0: Without overdosage display	Press key → S/P	01: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1: With overdosage display	Press key → S/P	01: 1 S/P	- Press any key (except Start/Pause) to change variant code value
Pos. 8 Setting key variant range 0...7			
Variant 0: Key variant	Press key → S/P	01: 0 S/P	- Press any key (except Start/Pause) to change variant code value
Variant 1-7: Not used	Press key → S/P	01: S/P	- Press any key (except Start/Pause) to change variant code value

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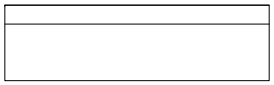
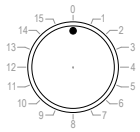
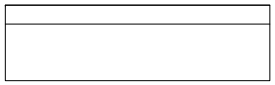
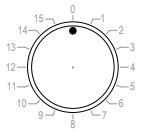
NE – Neff

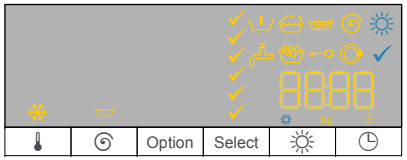




SE – Siemens







Function	Actuation	Display	Remark
Pos. 9 Setting menu variant range 0...7			
Variant 0: Menu variant	Press key → →		- Press any key (except Start/Pause) to change variant code value
Variant 1-7: Not used	Press key → →		- Press any key (except Start/Pause) to change variant code value

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