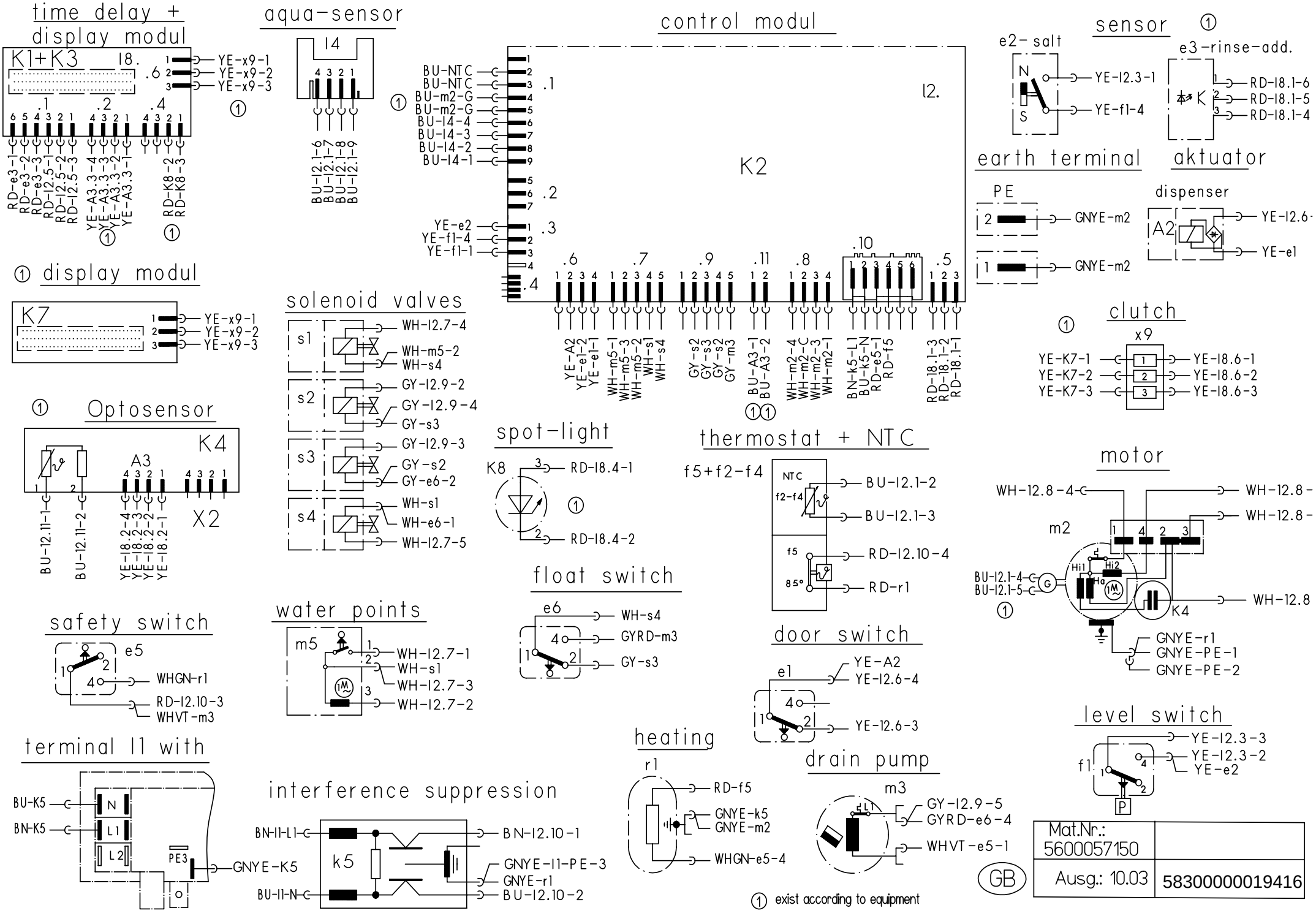
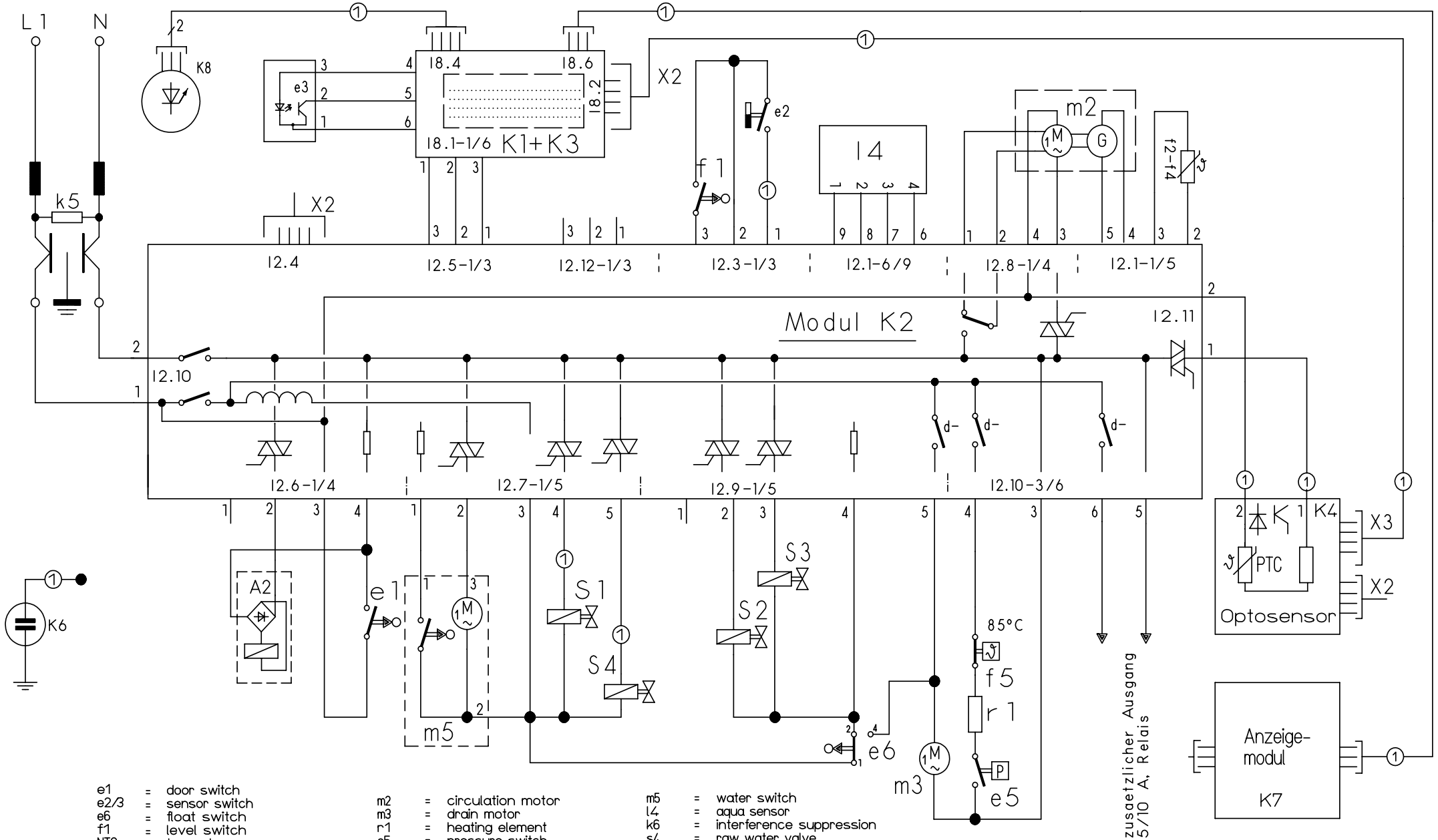

time delay + display modul
K1+K3
I8.
YE-x9-1
YE-x9-2
YE-x9-3
RD-e3-1
RD-e3-2
RD-e3-3
RD-I2.5-1
RD-I2.5-2
RD-I2.5-3
YE-A3.3-4
YE-A3.3-3
YE-A3.3-2
YE-A3.3-1
RD-K8-2
RD-K8-3
aqua-sensor
I4
BU-I2.1-6
BU-I2.1-7
BU-I2.1-8
BU-I2.1-9
control modul
K2
I2.
BU-NTC
BU-NTC
BU-m2-G
BU-m2-G
BU-I4-4
BU-I4-3
BU-I4-2
BU-I4-1
YE-e2
YE-f1-4
YE-f1-1
YE-A2
YE-e1-2
YE-e1-1
WH-m5-1
WH-m5-3
WH-m5-2
WH-s1
WH-s4
GY-s2
GY-s3
GY-s2
GY-m3
BU-A3-1
BU-A3-2
WH-m2-4
WH-m2-C
WH-m2-3
WH-m2-1
BN-k5-L1
BU-k5-N
RD-e5-1
RD-f5
RD-I8.1-3
RD-I8.1-2
RD-I8.1-1
sensor ①
e2-salt
N
S
YE-I2.3-1
YE-f1-4
e3-rinse-add.
K
RD-I8.1-6
RD-I8.1-5
RD-I8.1-4
earth terminal
PE
GNYE-m2
GNYE-m2
aktuator
dispenser
A2
YE-I2.6-
YE-e1
① display modul
K7
YE-x9-1
YE-x9-2
YE-x9-3
solenoid valves
s1
s2
s3
s4
WH-I2.7-4
WH-m5-2
WH-s4
GY-I2.9-2
GY-I2.9-4
GY-s3
GY-I2.9-3
GY-s2
GY-e6-2
WH-s1
WH-e6-1
WH-I2.7-5
① clutch
x9
YE-K7-1
YE-K7-2
YE-K7-3
YE-I8.6-1
YE-I8.6-2
YE-I8.6-3
① Optosensor
K4
A3
X2
BU-I2.11-1
BU-I2.11-2
YE-I8.2-4
YE-I8.2-3
YE-I8.2-2
YE-I8.2-1
spot-light
K8
RD-I8.4-1
RD-I8.4-2
thermostat + NTC
f5+f2-f4
NTC
f2-f4
f5
85°
BU-I2.1-2
BU-I2.1-3
RD-I2.10-4
RD-r1
motor
WH-I2.8-4-C
m2
Hi1
Hi2
Ha
BU-I2.1-4-C
BU-I2.1-5-C
K4
WH-I2.8
WH-I2.8-
WH-I2.8-
GNYE-r1
GNYE-PE-1
GNYE-PE-2
float switch
e6
WH-s4
GYRD-m3
GY-s3
safety switch
e5
WHGN-r1
RD-I2.10-3
WHVT-m3
water points
m5
WH-I2.7-1
WH-s1
WH-I2.7-3
WH-I2.7-2
door switch
e1
YE-A2
YE-I2.6-4
YE-I2.6-3
level switch
f1
YE-I2.3-3
YE-I2.3-2
YE-e2
P
terminal 11 with
BU-K5
BN-K5
N
L1
L2
PE3
GNYE-K5
heating
r1
RD-f5
GNYE-k5
GNYE-m2
WHGN-e5-4
drain pump
m3
GY-I2.9-5
GYRD-e6-4
WHVT-e5-1
interference suppression
BN-I1-L1-C
BU-I1-N-C
k5
BN-I2.10-1
GNYE-I1-PE-3
GNYE-r1
BU-I2.10-2
① exist according to equipment
GB
Mat.Nr.: 5600057150
Ausg.: 10.03
58300000019416



e1	=	door switch
e2/3	=	sensor switch
e6	=	float switch
f1	=	level switch
NTC	=	tempertaure sensor
f5	=	thermostat
k5	=	interference suppression
K1	=	display modul
K2	=	control modul
K3	=	timer modul
K4	=	electronic optosensor
K7	=	display modul
m2	=	circulation motor
m3	=	drain motor
r1	=	heating element
e5	=	pressure switch
s1	=	regenerating valve
s2	=	filling valve
s3	=	transfer valve
A2	=	actuator
x2	=	service-connector
m5	=	water switch
L4	=	aqua sensor
k6	=	interference suppression
s4	=	raw water valve
K8	=	Spot-Light

① exit accarding to aquipment

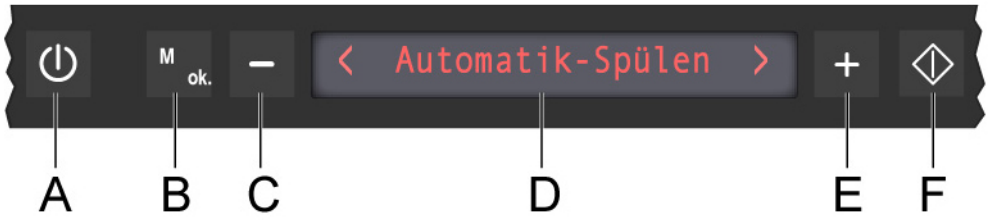
GB

Mat. Nr. 5600057151	
Ausg.: 10.03	S0-60/ 0821

Customer service test programme

1. Selecting the model coding:

Open the door; switch off the appliance; simultaneously press and hold down the two right sensor buttons “E and F”; also press sensor button “A” for at least 3 sec.



2. Select special programme:

Select the Customer – Service (S3) special programme by pressing the sensor buttons “C und E” and acknowledge with button “F”.

3. Display the fault memory:

If the Customer Service programme is started via sensor button “F”, the fault memory of the last wash cycle is indicated via the display. The fault memory of the last 8 wash cycles can be read out via the +/– buttons. S3 for Customer Service programme, the fault code and the wash cycle are displayed.

4. Start the customer service programme:

When the fault memory has been displayed, the customer service programme is started by closing the door.

Programme steps can be skipped with the + button. Exception are the filling steps. S3 for Customer Service programme, the fault code and the programme step are displayed.

While the customer service programme is selected, each status change of the analogue signal inputs is acknowledged by the electronics module with an acoustic signal.

5. Fault code:

Fault code	Fault type
A	Aqua sensor calibration fault infrared measuring distance
B	Aqua sensor calibration fault green measuring distance
C	No tachoimpulses
D	Triac short-circuit, circulation pump
E	Water points, no switching impulses
F	Filling fault
G	Triac short-circuit, water points
H	Heating fault
I	- - -
J	- - -
K	NTC fault, interruption / short-circuit
L	Optical sensor, fault or no communication
M	Mains isolating relay stuck
N	Mains synchronisation not possible
O	Safety level detected
P	Safety level (O) detected 8 times

6. Abbreviations for programme sequence:

AWT= Heat exchanger outlet valve

FRW = Fill raw water

FWW= Fill soft water

H= Heat

Opto_Mess = Optical sensor measurement

P= Pump

Pa = Pause

R= Regeneration valve

U= Circulate

AS_KAL_IR= Calibrate IR Aqua sensor

WS = Alternate washing

WWP = Position water points

WK = Switch between UK / OK

VF = Prefill heat exchanger F1

AS_KAL_GN= Calibrate GN Aqua sensor

ZR= Dispense detergent

ZK= Dispense rinse aid

OK = Top basket

UK = Bottom basket

7. Sequence of the customer service test programme:

	Function	Time (s)	Temperature	Quantity	Washing technology	Sensor	r.p.m. UK	r.p.m. OK	r.p.m. WK	Time [s] OK/UK
0	P	30								
1	Optical sensor PTC on	2								
2	FWW + AS_KAL_IR + Opto_Mess_1			1.0 l						
3	Pa + AS_KAL_IR	2								
4	FRW + AS_KAL_IR			1.0 l						
5	Pa + AS_KAL_IR	2								
6	VF + AS_KAL_IR					F1				
7	Pa	2								
8	AS_KAL_GN	60								
9	AWT	60								
10	R	10								
11	ZR	90								
12–17	WWP				OK / UK					
18	Reversal relay auxiliary winding (SICASYM) + U	10 + 20			UK		Maximum			
19	WWP				OK					
20	U	20			OK			2200		
21	U + H	250	Max. 67°		WS		2500	1500	2000	15
22	P	5								
23	U	5								
24	P	5								
25	U	5								
26	P	5								
27	U	5								
28	ZK	90								
29	FWW + AWT			1.0 l						
30	AWT	10								
31	P	5								
32	U	5								
33	P	5								
34	U	5								
35	P	5								
36	U	5								
37	Opto_Mess_2	2								
38	Optical sensor PTC on	2								
39	P	30								
00	End of programme									

Note: In Pos. 21 the circulation pump is activated for top basket washing at 1500 r.p.m. only. At this speed the upper spray arm cannot rotate or can rotate only very slowly. When the water points are positioned, the position switch is actuated 4 times whenever there is a change from OK to UK (or UK to OK). Whenever the position switch is actuated, an acoustic signal sounds.