

<b>general data</b>		
operating voltage	V	230
measurements	cm	Stand-alone      Built-in      Built-in
		85 x 60 x 60      82 - 87 x 60 x 57      81,6 - 88,0 x 60 x 54,6
capacity ( standard place settings)	N	12
power draft gesamt	W	3400 / 2200
Water capacity in tub	l	4,3
water pressure (max/min)	N/cm <sup>2</sup>	100/10
<b>technical features</b>		
<b>drain pump</b>		
max. height	cm	100
pump rate	l/min	15
power input	W	30
winding resistance	Ω	170
<b>dispenser combination</b>		
dosing area	cm <sup>3</sup>	1,7 – 6,5
resistor	Ω	1360
<b>regenerating valve</b>		
resistor	Ω	3000
<b>water inlet valve</b>		
delivery rate	l/min	4
winding resistance	Ω	3750 – 4000
<b>heater resistance</b>		
1. element power input	W	2100
protector	°C	98 ± 5 K
thermal fuse	°C	260
resistor	Ω	25
<b>circulation pump</b>		
motor operating capacitor	μF	4
power input / output	W	100/50
rotary speed	min-1	1600 - 2800
current input	A	0,6
main winding resistance	Ω	50,5
auxiliary winding resistance	Ω	160
tacho winding resistance	Ω	213
<b>pressure switch</b>		
switch on/off pressure	mmWs	fN = 65/45    fS = 114/90
<b>transformer</b>		
voltage primary/secondary	V	230/11
power input primary / second.	mA	70/909
resistor	Ω	415/1,95
<b>fan</b>		
resistor	Ω	740
rotary speed	min-1	2150
<b>servo door lock</b>		
resistor	Ω	7500
rotary speed	min -1	2

Step	water hardness		residual water hardness		Salt	Demand Dependent Regeneration after
	°d	°F	°d	°F		
0	< 4	< 7				
1	4 - 10	7 - 18	1 - 5	2 - 9	95 g	130 l
2	11 - 14	19 - 25	2 - 5	4 - 9	95 g	97 l
3	15 - 18	26 - 33	3 - 5	5 - 9	95 g	70 l
4	19 - 22	34 - 40	3 - 5	5 - 9	95 g	60 l
5	23 - 26	41 - 47	3 - 6	5 - 11	95 g	47 l
6	27 - 30	48 - 54	4 - 6	7 - 11	95 g	40 l
7	31 - 34	55 - 61	3 - 7	5 - 11	95 g	35 l
8	35 - 40	62 - 72	4 - 7	7 - 13	95 g	30 l
9	41 - 50	73 - 90	-7	-13	95 g	25 l

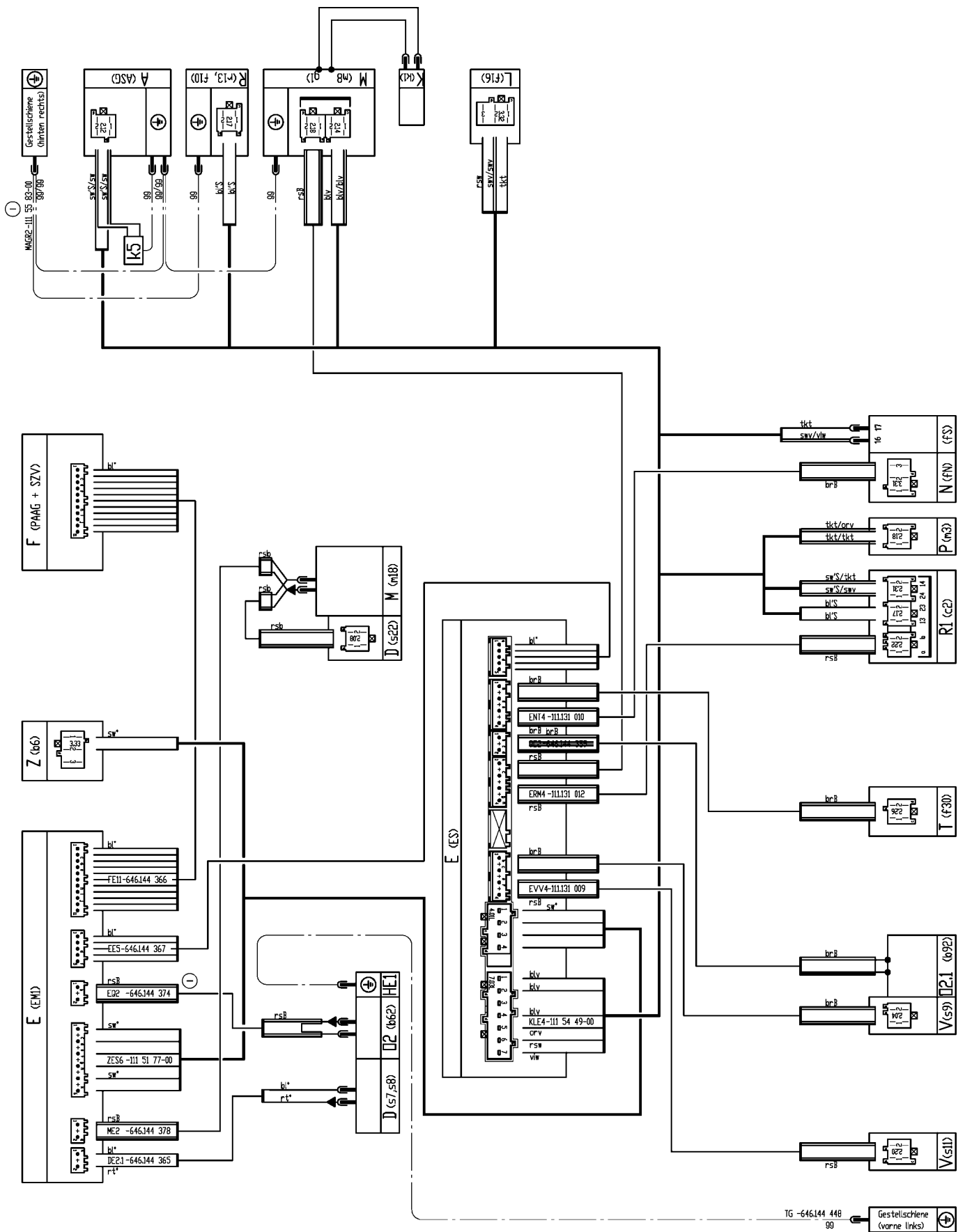
Temperature sensor NTC-resistor	
temperature/resistor	20 °C / 6032 Ω
	25 °C / 4829 Ω
	30 °C / 3891 Ω
	40 °C / 2573 Ω
(only for fully electronic dishwasher)	50 °C / 1741 Ω
	55 °C / 1444 Ω
	60 °C / 1204 Ω
	65 °C / 1009 Ω
	70 °C / 849 Ω

# Wiring plan

Dishwasher

Nr.: 111 510 403

292 1373 53 b





## Colour code

bg = beige	tk = turquoise	rsb = pink/blue
bl = blue	tr = transparent	rsw = pink/white
br = brown	vi = purple	sws = black/purple
gr = grey	ws = white	tkr = turquoise/red
or = orange	blv = blue/purple	viw = purple/white
rs = pink	bro = brown/orange	
rt = red	gg = green/yellow	
sw = black	orv = orange/purple	

A (ASG) = Mains terminal block	R (c2) = Heater relay
B (b3) = Programme selector	S (b7) = Pre-selection switch
D (s7/8) = Detergent and rinse-aid dosage	T (f5) = Thermostat 40°C
D (s22) = Thermo Valve Drying	T (f8) = Thermostat 50° C / 55° C
E/V (s11/s20) = Soft water valve	T (f9) = Thermostat 65° C
E/A = Input/Output Module	T (f10) = Safety thermostat
F (SZV) = Variable start time	T (f30) = Sensor NTC
F (PAA) = Programme sequence indicator	U (s17) = Aqua alarm buzzer
(PAAG)	V (s9) = Regeneration valve
H (h6) = Illuminated "on" indicator	X = Distributor
H (h14) = Rinse-aid level indicator	Y (b13) = Variable start time
H (h15) = Salt refill indicator	Z (b6) = Door switch
K (k1) = Motor capacitor	(b 65) = Position Contact Rotary distributor motor
K (k5) = Noise suppression filter	(b66) = Push Buttons ½, SZV, Fan Drying
L (f16) = Anti-flood switch	(b96) = Door switch Lamp
M (m8) = Circulation pump	(h11) = Illumination Tub
DS/M (m14) = Rotary distributor motor	(m2) = PGS-Motor
M (g1) = Tacho generator	(m4) = Transformer
M (M18) = Fan Drying	(s10) = PGS clutch solenoid
N (fN) = Pressure switch (normal level)	E (EM1) = Electronic input
N (FS) = Safety level	Ausgabemodul = Electronic output
NS = Pressure Sensor	E (ES) = Main Electronic
O (b62) = Reed relay detergent an rinse-aid dosage	TS (f35) = Turbitidy sensor
O (b91) = Reed relay dosage for water re-generation	
O (b92) = Reed relay salt container	
O (b95) = Reed Relay Spray Arm	
P (m3) = Drain pump	
R (r1) = Heater	