SEB PROFESSIONAL

WMf

Event- & Error-List

WMF 5000S+

KSS Global Service Produktmanagement
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Message type	Category	Event flashing	Information content for customers	Description
Event	1 a	X	Action required soon	e.g. Cleaning required
	1 b	X	Actionrequired immediately/ the coffee machine is ready for use, but not all of the functions are available	e.g. portioner 1 is empty
	1 c	X	Immediate action required/ the coffee machine is not ready for use	e.g. forced cleaning
	1 d		current operating condition	e.g. 1st heating-up please wait
	1 e		Event without display in screen but entered in the error list / error memory	e.g.
Error	2	X	Machine has a fault, further information where applicable	e.g. error message (F8)
	2 d		Error without display in screen but entered in the error list / error memory	e.g. machine was not shut off properly (9574
Maintenance	3 a		Action required soon	e.g. change scale filter soon
	3 b		immediate action required	e.g. Care kit

Service Errorcode	Error Category	Display Text (E)	Error Description	Reason	Solution
9013	2	Switch coffee machine off and on again. In case of error, please call service!	Brewer motor Encoder error	Encoder or cable defective.	Check encoder / cable
9017	2	Switch coffee machine off and on again. In case of error, please call service!	Standardizing error brewer motor. Always after turn on the machine the Standardiization will done	Brewing chamber not empty. Ground coffee or mechanical reason (stiff)	Switch machine off and on again
9042	1 d	Please wait, boiler is filled with water, beverage dispensing is blocked	Beverage lockout at low water	Water is refilled	
9053	1 a	Cleaning required	Machine should be cleaned	Cleaning prompt by default 26 h. Beverage dispensing is not blocked.	Carry out cleaning.
9055	1 c	Forced cleaning Please carry out a Systemcleaning in the care menue	The machine must be cleaned	Limit time reached or cleaning has been interrupted. Machine must be cleaned. Dispensing of coffee beverages blocked.	Carry out cleaning.
9062	1 d	Machine is switched off	Off-button is pushed, machine is switched off.		
9063	1 b	[graphic]	Power input of grinder below idle current level.	Beans empty. Idle current level wrong	Refill beans, carry out idle current calibration

9064	1 b	[graphic]	Power input of grinder below idle current level.	Beans empty. Idle current level wrong	Refill beans, carry out idle current calibration
9068	1 c	[graphic]	Grounds container not inserted	Grounds container removed or grounds container/grounds container switch defective.	Reinsert grounds container, check grounds container resp. grounds container switch
9069	1 c	[graphic]	Grounds container is full.	Filling counter has reached full level.	Empty grounds container. Grounds container must be removed longer than minumum emptying time. Only then the emptying process can be confirmed.
9070	1 a	[graphic] Empty grounds container soon	Grounds container will be full soon. Message can be confirmed and further beverages can be dispensed.	Filling counter has reached warning level and will be full after only few brewings.	Empty grounds container.
9071	1 c	Empty grounds container	External grounds container is full.	Filling level of the external grounds container has exceeded the max. filling level.	Empty external grounds container
9072	1 d	Manual insert open Please close manual insert	Tablet insert / Manual insert has been opened during beverage dispensing	Tablet insert / Manual insert has been opened; reed sensor defective or magnet missing	Close tablet insert / manual insert; check reed sensor or magnet resp. change them

9073	1 d	Insert ground coffee, close manual insert and select beverage	Manual insert lid has been opened. Coffee can be brewed with ground coffee powder which must be inserted through the manual insert.		Fill in ground coffee powder, close manual insert and press beverage button
9074	1 c	Operating panel is open, please close operating panel	Operating panel is raised.	Operating panel is open; front panel switch is defective.	Close operating panel, check front panel switch.
9076	2	Water pressure missing. Please open water supply.	On-site water pressure has fallen below the pre-set minimum pressure.	Water supply closed, pressure fluctuations, ..	-> Open water supply -> Establish stable water pressure -> Check pressure switch
9077	2	Leakage water detected. Switch coffee machine off and on again. In case of error, please call service and close water supply!	Leakage water detected.	e.g. valve leaky due to chips of scale	Repair leakage
9078	3 a	Water filter exhausted, please exchange	(Set) filter capacity has been reached	(Set) filter capacity has been reached	Exchange water filter
9082	1 b	Milk in milk cooler too warm. Dispensing of milk beverages not recommended!	Set temperature level of milk control is reached	Warm milk has been refilled	Wait or exchange milk.
9083	1 b	Attention cooler temperature is in freeze zone! In case of icing please consult user manual	Lower temperature level of milk control is reached (beverages can still be dispensed)	Milk cooler temperature is set too low	Re-adjust cooler temperature
9084	1 c	[graphic] Fill water tank	Water tank is removed or empty.	Water tank is removed or empty; tank sensor is defective.	Fill and reinsert water tank; check tank sensor

9087	2	Water pressure during beverage dispensing too low. Please open water supply completely.	On-site water pressure falls during brewing process below the pre-set value.	Pressure fluctuations	Check on-site connection (pipe system)
9091	3 b	[graphic] Service brewer due. Please change brewer	Service brewer due	Number of brewings reached	Exchange brewer
9092	3 b	[graphic] Descaling due. Please carry out descaling	Descaling due	Without water filter: Water flow capacity according to the set water hardness reached; With water filter: Annual descaling due	Carry out descaling.
9106	1 a	Timer cleaning active	Timer cleaning active	Preparation for timer cleaning is completed. Cleaning will start soon. Timer cleaning is activated.	Wait
9108	1 d	[graphic]	1st heating-up please wait		Wait...
9121	1 d	[graphic] warm rinsing running	Warm rinsing running	Warm rinsing running	Wait...
9123	2	Switch coffee machine off and on again. In case of error, please call service!	Error during moving into brewing position!	Error during moving into brewing position! (possibly power not sufficient)	Switch machine off/on, check brewer resp. brewer motor
9133	1 b	Granulate container EMPTY			
9135	2	Cleaning was executed with insufficient cleaning granulate			

9178	1 c	[graphic] Grounds container empty?	Grounds container has been emptied. The operator is asked whether the grounds container has been emptied.	Grounds container has been emptied	Confirmation with Yes erases the filling level counter; interruption with No does not erase the filling level counter
9184	1 d	[graphic]	Foamer rinsing running	..	wait
9194	1 a	Milk empty soon, please refill milk.	Milk empty sensor reports too little milk available, defined remaining quantity not yet reached, milk beverages not blocked.	Milklevel below milk sensor. Beverage lockout is activated, remaining number of beverages will be dispensed until beverage lockout.	Refill milk or cancel display message!
9213	1 d	Please wait, machine heats up, beverage dispensing is blocked!	Boiler or steam boiler temperature too low.	Large quantities of hot water or steam have been dispensed,	Wait
9216	2	Switch coffee machine off and on again. In case of error, please call service!	Brewing time limit exceeded	Beverage could not be dispensed within the max. time.	Grinding degree possibly too fine or taming pressure too strong.
9255	1 c	Insert brewing unit! Please consult user manual!	Little power input of brewer motor	Brewer has been removed	Insert brewer
9298	3 b	[graphic] Service care due. Please fit care kit	Care kit due	see service concept	Carry out care
9299	3 b	[graphic] Service maintenance1 due. Please call service!	Service due service maintenance 1	see service concept	Carry out service maintenance 1
9300	3 b	[graphic] Service revision due. Please call service!	Service due service revision	see service concept	Carry out revision

9301	3 b	[graphic] Descaling due. Please carry out descaling	Carry out descaling	see service concept	Carry out descaling
9302	3 b	[graphic] Water filter exhausted. Please exchange water filter	Service due water filter	see service concept	Exchange water filter
9303	3 b	[graphic] Service grinder 2 due. Please call service!	see service concept	Time or number of brewings reached	Change grinder disks grinder 2
9304	3 b	[graphic] Service grinder 1 due. Please call service!	Service grinder 1 due	see service concept	Change grinder disks grinder 1
9306	3 b	[graphic] Service powder hopper 1 due. Please call service!	Service due powder hopper 1	see service concept	Exchange powder portioner 1 motor
9307	3 b	[graphic] Service mixer 1 mixer motor due. Please call service!	Service due. Mixer 1 mixer motor	see service concept	Exchange mixer 1
9335	2	Switch coffee machine off and on again. In case of error, please call service!	Overtemperature steam wand sensor	Overtemperature (> 200°C) or temperature sensor short circuit	Sensor defective resp. exchange sensor
9336	2	Switch coffee machine off and on again. In case of error, please call service!	Temperatur break steam wand sensor	Sensor removed or cable break (< -4°C)	Plug on sensor/exchange
9344	1 b	Please refill milk	Milklevel below Milksensor (1)	Milklevel Milk 1 below Milksensor. Beverage lockout is not selected	Refill milk

9346	1 b	Please refill milk. No dispensing of beverages with milk!	Beverage lockout reached. No dispensing of beverages with milk!	Number of remaining beverages dispensed. Beverage lockout reached.	Refill milk
9357	1 c	Check water supply	External water tank is empty		Fill water tank...
9361	1 c	Please carry out milk system cleaning	Milk system cleaning required		
9364	1 c	[graphic] Please empty drip tray	Drip tray full.	Drip tray sensor reports full	Empty drip tray, dry sensor area
9400	2	Switch coffee machine off and on again. In case of error, please call service!	Configuration faulty	Configuration file faulty	Upload backup from USB stick to machine or prgram again and restart machine
9406	2	Switch coffee machine off and on again. In case of error, please call service!	IO, Timeout Timeout at On/Off on time or one entry has not reported within a required time.	Error during communication with the underlying hardware. Software error	Check communication (CAN, serial, network), retry
9429	2	Please check whether brewing unit is inserted correctly?	Motor, timeout during start of movementMotor does not even start moving or does not reach its target.	Brewer blocked or dirty. Communication with power stage lost. Motor blocked. Encoder defective. Drive parameter (e.g. drive current) faulty.	Motor, encoder, check driving parameters and driving routes.
9431	2	Switch coffee machine off and on again. In case of error, please call service!	Ceramic disc valve does not reach target position	Ceramic disc valve pinched or defective Cable defective Switch on ceramic disc valve mixed up or defective	> Check ceramic disc valve in component test and exchange if required > Check cable of ceramic disc valve and exchange if required > Check microswitch on ceramic disc valve and exchange if required

9456	2	Switch coffee machine off and on again. In case of error, please call service!	Overcurrent brewer control recognized. Machine not ready	Overcurrent brewer control recognized. In order to protect the power stage all outputs are switched off	Check and exchange brewer components
9457	2	Switch coffee machine off and on again. In case of error, please call service!	Overcurrent grinder control recognized. Machine not ready	Overcurrent grinder control recognized. In order to protect the power stage all outputs are switched off	Check and exchange grinder components
9458	2	Switch coffee machine off and on again. In case of error, please call service!	Overcurrent output control recognized	Overcurrent output control recognized. In order to protect the power stage all outputs are switched off	Check and exchange valves
9459	2	Switch coffee machine off and on again. In case of error, please call service!	Overcurrent motor control recognized	Overcurrent motor control recognized. In order to protect the power stage all outputs are switched off	Check and exchange motors
9463	2 d	Guarding error, node does not respond once within the predetermined time period.	Guarding error, node does not respond once within the predetermined time period.	Hardware, Timing, ..	Service
9467	1 b	[graphic]	Portioner 1 empty Brewer detects too little ground coffee in the brewing chamber.	Brewer detects too little ground coffee in the brewing chamber.	Refill portioner 1 and confirm message. The already portioned ground coffee is disposed of and the total quantity is portioned again (plus additional time in order to fill the grinder spout).
9468	1 b	[graphic]	Portioner 2 empty Brewer detects too little ground coffee in the brewing chamber.	Brewer detects too little ground coffee in the brewing chamber.	Refill portioner 2 and confirm message. The already portioned ground coffee is disposed of and the total quantity is portioned again (plus additional time in order to fill the grinder spout).

9475	1 c	[graphic] Drip tray reinserted?	Drip tray missing	Drip tray removed	Reinsert drip tray
9476	1 c	[graphic]	Grounds container missing (see 9068)		Reinsert grounds container
9477	2	Switch coffee machine off and on again. In case of error, please call service!	PowerFail detected	Under- resp. overcurrent; interruption of power supply	Under- resp. overcurrent; check power supply / plug-in connection
9478	2	Switch coffee machine off and on again. In case of error, please call service!	Power input too high	Power input too high before or on power stage. Electrical error in machine. Short circuit at 24/30V	Check 24/30V components / exchange defective components
9479	2	Switch coffee machine off and on again. In case of error, please call service!	Voltage does not swich on	Electrical error in machine. Short circuit at 24/30V	Analyse and eliminate error
9480	2	Switch coffee machine off and on again. In case of error, please call service!	Minimum flow is underrun during testing	Wrong settings	Confirm error message, reset settings and test again
9484	2	Timeout during filling of boiler. Please open water supply or fill water tank.	During 1st heating up timeout has been detected at steam boiler supply.	Water tap closed or no water in tank	Open on-site water supply. Fill water tank
9487	2	Switch coffee machine off and on again. In case of error, please call service!	Brewer not standardised, position invalid.	Error in Init of machine or switched to component test ahead of time. Besides, the brewer is also not standardised anymore after sensor errors (F8)	check sensor / motor
9488	1 c	Manual insert open too long. Please close manual insert. Beverage is not dispensed.	Manual insert brewing has been started, but manual insert lid has not been closed again within the time limit.	Manual insert open or manual insert switch defective.	Close manual insert or check manual insert switch.

9489	2	Manual insert has opened independently. Please close manual insert. Select beverage again.	Manual insert was opened - during 1st heating-up - warm rinsing brewer - cleaning		
9490	2	Switch coffee machine off and on again. In case of error, please call service!	Max. number of brewer motor current errors is reached!	Brewer too stiff or quality level too high. Error multiply recognized	Check brewer, clean it or adjust quality level.
9491	1 d	[graphic]	Mixer rinsing running	Automatic mixer rinsing running	
9492	3 b	[graphic] Service maintenance 2 due. Please call service!	Service due service maintenance 2	see service concept	Carry out 2-year maintenance
9493	3 b	[graphic] Service descaling due. Please carry out descaling	Descaling due	see service concept	Descale machine
9496	3 b	[graphic] Service brewer motor due. Please call service!	Service due brewer motor	see service concept	Change brewer motor
9499	3 b	[graphic] Service grinder 2 motor due. Please call service!	Service grinder 2 motor due	see service concept	Change motor grinder 2
9500	3 b	[graphic] Service grinder 1 motor due. Please call service!	Service grinder 1 motor due	see service concept	Change motor grinder 1

9502	1 d	[graphic]	Warm rinsing milk system	Warm rinsing running	
9506	1 c	Milk system cleaning has to be completed in order to release dispensing of beverages with milk. Continue cleaning process?	Milk cleaning must be completed in order to use the milk system again.	Milk cleaning has been carried out during machine cleaning. In order to use milk beverages after restart, milk must be activated.	Confirm message so that the Easy Milk/Dynamic Milk cleaning can be continued and completed
9507	2	Water pressure missing. Please open water supply / fill water tank.	After detected flow error, no pulses were recognized by release valve during water check.	> Water supply closed or blocked > FM defective > Pump defective > Boiler blocked > Brewing valve blocked > Release valve blocked	> Check water supply > Check FM > Check pumpe > Check boiler > Check brewing valve > Check release valve
9508	1 b	Switch coffee machine off and on again. In case of error, please call service!	Temperature sensor cooler is not recognized, A temperature value of -128°C means that sensor is not available.	No cooler (wrong configuration), cable break, …	Check configuration / cable
9509	1 b	Switch coffee machine off and on again. In case of error, please call service!	Temperature sensor cooler reports -12°C. Temperature sensor defective.	Temperature sensor reports undertemperature milk	Check / exchange temperature sensor
9510	1 b	Milk too warm. Switch on cooler, test.	Milk too warm	Temperature sensor reports overtemperature milk	Switch on cooler and check function
9511	1 c	Please continue and complete descaling	Continue descaling	During descaling machine has been switched off.	Continue descaling.
9512	2	Switch coffee machine off and on again. In case of error, please call service!	sensor break temperature sensor brewing water	sensor break temperature sensor brewing water	Change temperature sensor brewing water

9514	1 d	Attention! Hot water can flow from hot water spout!	Grounds container has been pulled out cleaning!		Additional query required. If the hot water dispensing is interrupted by an action (grounds container, front panel, water pressure switch.,,,), a query is required prior to proceeding in order to continue the once confirmed hot water dispensing.
9516	2	[graphic] Grinder blocked. For description, please consult user manual!	Portioner 1 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.
9517	2	[graphic] Grinder blocked. For description, please consult user manual!	Portioner 2 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.
9528	1 d	Switch-off rinsing running	Switch-off rinsing running		Wait
9529	1 d	Manual insert processing Timeout: Brewing chamber contents is discharged	Tablet insert has been opened without request and closed again. Manual insert has been opened too long, time excess manual insert processing.	Operating error	Confirm, afterwards brewer goes into basic position
9530	1 b	Milk forced cleaning Please carry out a milk system cleaning in the care menue	Forced Milk system cleaning	Milk system cleaning neccessary	proceed Milk system cleaning
9531	1 d	EcoMode active, machine will be switched off.			

9532	2	Switch coffee machine off and on again. In case of error, please call service!	Error during moving into position!!! (possibly power too low)	Motor could not reach target position	Switch machine off and on again; check brewing unit for stiffness
9534	1 d	Please wait.	Brewer drives automatically for standardizing as it has possibly been removed	Brewer drives automatically for standardizing as it has possibly been removed	wait
9535	1 d	First filling of boiler	First filling of boiler		wait
9539	1 a	Milk 2 empty soon, please refill milk.	Milk 2 empty sensor reports too little milk available, defined remaining quantity not yet reached, milk beverages not blocked.	Milklevel 2 below milk sensor. Beverage lockout is activated, Number of beverages will dispensed until beverage lockout.	Refill milk 2 or cancel display message!
9540	1 d	Ventilation water system			
9572	1 c	[graphic] Please empty drip tray	Drip tray full.	Drip tray sensor reports full between cleaning cycle	Empty drip tray, dry sensor area
9574	2 d	The machine has not been switched off correctly. On-/Off-switch pushed longer than 5s.	The machine has not been switched off correctly. (PowerFail) Button pushed longer than 5s, plug pulled out.	The machine has not been switched off correctly. (PowerFail) Button pushed longer than 5s, plug pulled out.	Inform customer to push the off-switch only shortly.
9575	2	Idle current measuring grinder 1 failed.	During grinder idle current calibration the current value was too high for too long (35 sec.) during emptying of grinders.	-> bean hoppers not locked -> grinding degree set too fine (grinding disks drag)	-> lock bean hoppers -> set grinding degree coarser (no dragging audible)

9576	2	Idle current measuring grinder 2 failed.	During grinder idle current calibration the current value was too high for too long (35 sec.) during emptying of grinders.	-> bean hoppers not locked -> grinding degree set too fine (grinding disks drag)	-> lock bean hoppers -> set grinding degree coarser (no dragging audible)
9582	2	Machine is restarted	Internal programmer code to make a CtrlApp restart (reboot)	Machine cleaning, descaling, boiler pressure check interrupted by an error, CtrlApp must be started again.	Start function again
9583	2	Boiler heating has been deactivated for service purposes. Switch heating on again?	After pressure reduction routine heating remains off until it is activated again by the service.	Pressure reduction routine has been carried out.	
9584	2	Minimum flow descaling. Repetition: Please confirm	Minimum flow underrun during descaling	Too little FM pulses have been recognized.	After confirmation, descaling is continued
9595	2	External waste water tank is full			Empty external waste water tank
9597	2	Switch coffee machine off and on again. In case of error, please call service!	Mixer motor stands still	Mixer motor stands still. Motor does not get any or too little voltage. Cable break or motor defective.	Check cable and/or motor
9598	1 b	Mixer wheel of choc missing or blocked. Dismantle mixer cup and insert mixer wheel or remove blockage.	Impeller of motor missing or blocked.	Mixer wheel does not turn. Possible causes are: Mixer missing, impeller incorrectly inserted or blocked.	Remove mixer cup, if required clean it and reinsert together with impeller.
9599	2	Switch coffee machine off and on again. In case of error, please call service!	The mixer sensor is not plugged in.	The mixer sensor is not plugged in.	Plug in mixer sensor. Check cable.

9600	1 c	Close face guard	Beverage cannot be dispensed as splash guard is still open	Face guard is open	Close face guard
9605	1 d	Take beverage out	Take beverage out	Beverage dispensed, face guard not opened yet	Open face guard, take beverage out and close face guard again
9606	2	Switch coffee machine off and on again. In case of error, please call service!	Milk module: error data base access	Internal software error	Carry out factory-Service/Customer
9607	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs. The outputs have been switched off.	Cable short circuit, defective valve, defective or blocked motor	Eliminate short circuit, replace valve, check motors
9608	2 d	Cyclic warm rinsing of mixer in order to keep it at correct temperature	Cyclic warm rinsing of mixer in order to keep it at correct temperature	Activated in menu, can be deactivated	
9611	1 a	Coffee filter capsule due soon	Fresh Filtered Coffee filter must be exchanged soon. In 2 hours or after 20 brewings.	Filter already in use for 80 brewings or 24 hours.	Exchange filter via care menu
9612	1 b	Coffee filter capsule must be exchanged	Max. number of brewings exceeded	Max. number of brewings exceeded	Carry our filter exchange. Possible via care menu
9613	1 b	Beverages blocked as coffee filter capsule is not inserted	Fresh Filtered Coffee beverages are blocked as filter not inserted	Fresh Filtered Coffee cartridge not inserted	Insert coffee filter capsule
9614	1 b	Please refill milk	Inline sensor only for Dynamic Milk Machine reports that there is no milk in hose.	Milk empty	Refill milk

9616	1 b	Would you like to put Fresh Filtered Coffee into operation? The coffee filter system can also be activated later in the care menu or by opening the coffee filter lid.	Machine can be operated with as well as without Fresh Filtered Coffee. This can be selected after cleaning resp. after a coffee filter exchange.		Carry out filter rinsing or if required activate later in care
9617	1 b	Milk 1 filled?			
9618	1 b	Milk 2 filled?			
9619	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 2. All outputs have been switched off.	Overcurrent of one of the components in circuit 2	Check components of circuit 2 and exchange if required
9620	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 3. All outputs have been switched off.	Overcurrent of one of the components in circuit 3	Check components of circuit 3 and exchange if required
9621	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 4. All outputs have been switched off.	Overcurrent of one of the components in circuit 4	Check components of circuit 4 and exchange if required
9622	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 5. All outputs have been switched off.	Overcurrent of one of the components in circuit 5	Check components of circuit 5 and exchange if required
9623	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 6. All outputs have been switched off.	Overcurrent of one of the components in circuit 6	Check components of circuit 6 and exchange if required
9624	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 7. All outputs have been switched off.	Overcurrent of one of the components in circuit 7	Check components of circuit 7 and exchange if required

9625	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 8. All outputs have been switched off.	Overcurrent of one of the components in circuit 8	Check components of circuit 8 and exchange if required
9626	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 9. All outputs have been switched off.	Overcurrent of one of the components in circuit 8	Check components of circuit 9 and exchange if required
9627	1 c	Touch display is fogged by steam or water. In order to allow for further touch operation, please clean touch display with a dry cloth and confirm message after at least 5 seconds.	Touch display detects that operation is not possible anymore due to fogging by steam or water	Too much steam or water on the display	Wipe touch display dry
9628	2 d	Touch display will be deactivated at free-flow beverages. Otherwise, the water drop / steam detection would become active in case the button is pressed longer.	Touch display will be deactivated	Touch deactivated at freeflow beverages in order to detect water drops or steam on the display.	
9629	2 d	Touch display will be activated again after a free-flow beverage.	Touch display will be activated	Touch display is reactivated after free-flow beverages.	
9630	1 d	Heating-up phase after Eco mode. Please wait.	Machine cooled down to Eco Mode. Requires short heating-up phase in order to reach operating temperature	Eco Mode active	Wait until machine is heated up
9632	2	Switch coffee machine off and on again. In case of error, please call service!	Data base could not be loaded. Machine cannot boot.	Data base defective	Change front panel if restart does not help
9633	2	Switch coffee machine off and on again. In case of error, please call service!	Version table cannot be read from the data base. Machine cannot boot.	Data base defective	Change front panel if restart does not help

9634	2	Switch coffee machine off and on again. In case of error, please call service!	Table MachineData cannot be read from data base. Machine cannot boot.	Data base defective	Change front panel if restart does not help
9635	2	Switch coffee machine off and on again. In case of error, please call service!	Table OperationalFlags cannot be read from data base. Machine cannot boot.	Data base defective	Change front panel if restart does not help
9639	3 b	Service brewer care due. Please carry out brewer care!	Brewer care due. Message is displayed after 15000 brewing cycles.	see service concept	Carry our brewer care
9651	2	Leakage detected! All beverages are blocked! Please clean Fresh Filtered Coffee housing! Has DTC housing been cleaned?	Leakage filter housing Display text still to be definded	Text still to be defined	Text still to be defined
9652	2	Switch coffee machine off and on again. In case of error, please call service!	Fresh Filtered Coffee sensor lid defective	Hall sensor defective.	Please exchange Hall sensor
9653	2	Switch coffee machine off and on again. In case of error, please call service!	Fresh Filtered Coffee sensor capsule defective	Hall sensor defective.	Please exchange Hall sensor
9654	2	Coffee filter capsule is not inserted. Please insert.	Text still to be defined	Text still to be defined	Text still to be defined
9655	2	Coffee filter capsule is inserted. Please remove coffee filter capsule for system cleaning	Coffee filter capsule is inserted. Please remove coffee filter capsule for system cleaning	Coffee filter capsule is still inserted or the plunger of teh coffee filter lid is blocked	Remove coffee filter capsule or check mechanics of plunger coffee filter lid, if required exchange

9661	2	Switch coffee machine off and on again. In case of error, please call service!	Fresh Filtered Coffee sensor board defective or not connected	Fresh Filtered Coffee sensor board defective or not connected	Please check plug-in contact of sensor board or exchange sensor board
9662	3 a	Please exchange water filter soon, only %1 litre(s) capacity.			
9663	2	No communication with bluetooth dongle - Switch coffee machine off and on again. In case of error, please call service!	No communication with bluetooth dongle	No communication with bluetooth dongle	Restart machine / replace bluetooth dongle
9664	2	Cleaning Canceled. Machine has to be restarted. Please confirm	Cleaning canceled by user, machine must be restarted.	Cleaning manually canceled by user.	If required, carry out cleaning again after restart.
9665	2	Coffee filter lid open. All beverages are blocked	Machine cover open, all beverages are blocked		
9668	2	Water pressure missing. Please open water supply.	During beverage dispensing a water infeed pressure below 0,5 bar has multiply been detected and confirmed. Beverage dispensing was canceled.	Water supply closed. On-site water pressure fluctuations.	-> Open water supply -> Check on-site water infeed pressure. If required, provide for constant water pressure. -> Check pressure switch
9669	2 d	Milk sensor reports that flow is too low which causes the milk empty message	Ultrasonic sensor reports that flow is too low. Error reported in addition to error (9614) milk empty message.	Milk empty caused by a flow error. Reported in addition to error 9614. If only error 9614 is reported, the cause is empty message due to bubble formation	Refill milk. Customer uses bag-in-box. Flow error is detected here.
9669	2 d	Please refill milk. No flow detected.	Milk sensor reports as cause for milk empty message that flow is too low (9614).	Milk flow too low. In case of bag in box the flow sensor gets active	Exchange bag in box

9670	1 d	Machine has been blocked externally by remote data access.	Machine blocked. Beverage dispensing not possible.	Machine has been blocked by remote data access.	Machine can be released again by remote data access.
9671	1 c	Milk empty. Please refill. Would you like to carry out an Autoclean quick rinsing during refilling?	Prompt, whether quick rinsing is to be carried out	Milk empty detected. During refill a quick rinsing could be carried out (required at least once per day)	
9672	1 c	Milk empty, please refill.	Milk empty		
9673	2	Reinsert Plug+Clean adapter in order to continue cleaning.			
9673	1 c	Plug the Plug+Clean adapter in the Plug+Clean socket to continue cleaning	Plug+Clean adapter not plugged in	Plug+Clean adapter has been unplugged too early	Plug Plug+Clean adapter again into the Plug+Clean socket
9674	1 c	Remove Plug+Clean adapter and connect to milk container	Quick rinsing has been completed. To finish, the Plug+Clean adapter must now be connected again to the milk container	Quick rinsing has been completed. To finish, the Plug+Clean adapter must now be connected again to the milk container	Connect Plug+Clean adapter to the milk container
9675	1 c	Please carry out quick rinsing	At Autoclean the milk hose needs to be rinsed daily due to reasons of hygiene (quick rinsing Autoclean)		
9675	1 c	Please carry out quick rinsing	Quick rinsing needs to be carried out	Quick rinsing not carried out so far. This needs to be carried out daily.	Carry out quick rinsing
9677	1 d	Please place suitable cup below spout.			
9678	2	Grinder blocked.For description, please consult user manual!	Portioner 1 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.
9679	2	Grinder blocked.For description, please consult user manual!	Portioner 2 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.

9680	2		Portioner 3 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.
9681	2	Grinder blocked.For description, please consult user manual!	Portioner 4 blocked	Grinder blocked	Check /clean grinder or adjust grinding degree.
9682	1 b	Coffee - filter system - cleaning required	Coffee filter system must be cleaned	Limit time of 72 h reached or cleaning has been interrupted. Machine must be cleaned. Dispensing of coffee-filter beverages is blocked.	Carry out coffee filter system cleaning
9683	1 a	Coffee - filter system - cleaning due soon	Coffee filter system should be cleaned	Prompt for coffee filter system cleaning according to default 70 h. Beverage dispensing is not blocked	Carry out coffee filter system cleaning
9684	2	Switch coffee machine off and on again. In case of error, please call service!	Motor drive has been started but no change detected at encoder	no pulses detected by encoder even though motor is triggered	Check motor, encoder
9687	2	Milk system cleaning was carried out without cleaner.			System cleaning was carried out without cleaner.
9688	2	Coffee system cleaning was carried out without cleaner.			System cleaning was carried out without cleaner.
9689	1 d	Cleaning agent not found during milk system cleaning. Cleaning to be continued?	No milk system cleaner detected	Customer did not use cleaner for milk system cleaning	
9690	1 d	Cleaning agent not detected during coffee system cleaning. Cleaning to be continued?	No coffee cleaner detected	Customer did not insert cleaner for coffee system cleaning	
9690	1 d	Cleaning agent not detected during coffee system cleaning. Cleaning to be continued?	No coffee cleaner detected	Customer did not insert cleaner for coffee system cleaning	

9691	2 d	Control limit of the milk pump has been reached	The milk pump was adjusted by 5% up to the limit	Since the technician's milk pump calibration, the running-in behaviour has been corrected by 5% - limit reached	Check the milk system for possible hose narrowing due to milk deposits or kinked milk hose or, if required, carry out another technician's milk pump calibration after having checked this
9692	2	1st measuring milk system cleaning, no cleaner detected. Step will be repeated! Cleaning container must be emptied completely. Then insert milk cleaning tablet.			Measuring milk system cleaning, no cleaner detected. Step will be repeated! Cleaning container must be emptied completely. Then insert milk cleaning tablet.
9693	2	1st measuring coffee system cleaning, no cleaner detected. Step will be repeated!			Measuring coffee system cleaning, no cleaner detected. Step will be repeated!
9693	2	1st measuring coffee system cleaning, no cleaner detected. Step will be repeated!			Measuring coffee system cleaning, no cleaner detected. Step will be repeated!
9695	2	Switch coffee machine off and on again. In case of error, please call service!	AutoClean milk: cleaning pump without power	> Cleaning pump defective > Plug not plugged in or no contact / cable break > Ceramic valve does not reach cleaning position > cleaning switch is not pressed or defective / cable break	> Check cleaning pump > Check plug and cables > Check position of ceramic valve and cleaning switch with cable
9696	2	Switch coffee machine off and on again. In case of error, please call service!	AutoClean milk: Ceramic disc valve position isn't reached	> No impulses valve motor (Defective motor, vavle is blocked) > Reference switch isn't activated > Wiring motor	> Check wiring valve motor and micro switch > Replace valve motor

9697	1 a	Milk system cleaner soon empty, probably %1 cleaning cycle(s) still possible	Bottle of milk system cleaner will soon be empty	The remaining amount of milk system cleaner is low - the counter has calculated that the milk system cleaner will soon be empty	The milk system cleaner bottle needs to be exchanged soon
9701	1 d	Boiler heating deactivated by external energy management	Boiler heating was deactivated by external energy management	Consequence of the deactivation of the boiler heating via CMRemote. All recipes requiring hot water are greyed out.	Activate boiler heating via CMRemote
9702	1 d	Steam boiler heating deactivated by external energy management	Steam boiler heating was deactivated by external energy management	Consequence of the deactivation of the steam boiler heating via CMRemote. All recipes requiring steam are greyed out.	Activate steam boiler heating via CMRemote
9703	2	Milk beverages locked, milk system cleaning agent empty. Please connect a new bottle of cleaning agent!	Milk beverages locked, milk system cleaning agent empty. Please connect a new bottle of cleaning agent!	Milk system cleaning agent empty during cleaning detected by sensor in outlet pipe	Connect new cleaning agent bottle, check sensor in outlet pipe
9704	1 a	Milk system cleaning agent not found during cleaning. Cleaning to be continued without milk system cleaning agent?	Advice: Milk system cleaning agent empty during cleaning detected - continue cleaning?	Milk system cleaning agent empty during cleaning detected - cleaning can be continued?	Connect new cleaning agent bottle
9705	2	Milk system cleaning agent not detected. Please check filling level of cleaning agent bottle and confirm.	During cleaning cleaning agent was not detected - retry is carried out	Milk cleaning agent was not detected in outlet pipe - retry is carried out	Connect new cleaning agent bottle, check sensor in outlet pipe, check laying of cleaning hose (kinked)

9708	2	Rinsing water flow in milk system is too low. Please check milk hoses for kink-free installation and correct connection. With 2-milk, the milk hoses may be plugged in reversed.	The milk hose is presumably kinked or in case of 2-milk version plugged in reversed	Possible reasons-->Hoses inside machine kinked--> milk hose kinked -->with 2-milk version milk hose at P+C socket plugged in reversed--> presure of espresso pump wrong / too low	--> Check hoses -->Plug in milk hose at P+C socket correctly --> Set pressure of espresso pump
9709	2	Switch coffee machine off and on again. In case of error, please call service!	Voltage for cleaning pump was detected, even though it is not activated	Check cables for short circuit	Remove short circuit
9710	1 d	New media package ready for installation	New media package ready for installation	New media package ready for installation	The machine has received a new media package which needs to be installed. The media package can be installed in the menu -> System -> Telemetry -> Remote actions.

9730	2	Cleaning detection needs to be calibrated ! Please start routine in service menu	Cleaning agent detection not calibrated - original value detected		The service routine must be carried out under: Service > Service routines > Factory calibration components > Calibration cleaning agent detection Important: The calibration MUST be performed with cleaning agent. To perform the calibration, a system cleaning is carried out If the original value is still present after calibration - possible causes - elec. connection at cleaning pipe defective - plug on connection panel not plugged in - I/O card AutoClean defective or plug not plugged in
9736	1 e	(Technician) descaling performed	Descaling performed	Just an event message - there's no error	No action required
9738	1 e	(Customer) descaling performed	(Customer) descaling performed	Just an event message - there's no error	No action required
9767	1 e	Service routine idle current calibration performed	Idle current calibration performed	Just an event message - there's no error	No action required
9768	1 e	Service routine portioner calibration performed	Portioner calibration performed	Just an event message - there's no error	No action required
9769	1 e	Service routine pressue reduction steam boiler performed	Pressue reduction steam boiler performed	Just an event message - there's no error	No action required
9771	1 e	Service routine fill steam boiler performed	Service routine fill steam boiler performed	Just an event message - there's no error	No action required
9772	1 e	Service routine exchange boiler performed	Exchange boiler performed	Just an event message - there's no error	No action required
9773	1 e	Antifreeze protection performed	Antifreeze protection performed	Just an event message - there's no error	No action required

9774	1 e	Service routine set pressure reducer performed	Setting pressure reducer performed	Just an event message - there's no error	No action required
9780	4	Service routine set espresso pump performed	Setting espresso pump performed	Just an event message - there's no error	No action required
9781	1 e	Service routine set pressure reducer performed	Setting pressure reducer performed	Just an event message - there's no error	No action required
9782	1 e	Emptying machine was done	Emptying machine was done	Just an event message - there's no error	
9783	1 e	Grinding degree adjustment performed	Grinding degree adjustment performed	Just an event message - there's no error	No action required
9784	1 e	Ground coffee testing performed	Ground coffee testing performed	Just an event message - there's no error	No action required
9785	4	Service routine check water infeed performed	Check water infeed performed	Just an event message - there's no error	No action required
9786	1 e	Service routine technician's intro performed	Technician's intro performed	Just an event message - there's no error	No action required
9787	4	Check for leakage of milk system was done	Check for leakage of milk system was done	Just an event message - there's no error	
9788	1 e	Service routine Milk system dynamic (Quality Check) performed	DYN Milk Quality Check performed	Just an event message - there's no error	No action required
9789	4	Emptying ground coffee portioner was done	Emptying ground coffee portioner was done	Just an event message - there's no error	No action required
9790	4	Milk system check was performed	Milk system check was performed	Just an event message - there's no error	No action required
9791	4	Automatic set-up routine portioner was done	Automatic set-up routine portioner was done	Just an event message - there's no error	No action required
9792	1 e	Service routine (AutoClean) locking disc calibration performed	AutoClean locking disc calibration performed	Just an event message - there's no error	No action required
9807	2				
9827	1 d	Firmware update powerstage is running	Powerstage is updated	Update of powerstage firmware running	

9852	2	SD card not available or cannot be written on	SD card not detected or cannot be written on	SD card not assembled or cannot be written on anymore	Plug in SD card or change defective one
9879	2	Switch coffee machine off and on again. In case of error, please call service!	No recipe found for the pushed buttons.	The button allocation has been changed but not updated in the software.	Wait a moment and retry or carry out a restart of the machine.
9880	2	Check and set time Switch coffee machine off and on again. In case of error, please call service!	Current time settings invalid		Set time.
9881	1 c	Please select beverage	Waiting for beverage start, brewing chamber has been filled with ground coffee through the manual insert	Beverage to be prepared through manual insert	Press beverage button within limit time, afterwards a coffee beverage is started
9883	2	Please carry out power stage update coffee machine. Version is not compatible.	Power stage: Firmware version is not compatible	The read firm ware version does not correspond to the expected one.	Update power stage
9887	2	Switch coffee machine off and on again. In case of error, please call service!	Side illumination: firmware version is not compatible	The read firm ware version does not correspond to the expected one.	Check card, firm ware, wiring.
9890	2	Firmware update power stage is carried out	Firmware update power stage is active. Carried out either during startup, if no firmware of power stage is recognized, or as service routine for update to the current version.	-> Firmware power stage not recognized	-> Carry out firmware update power stage

9891	2	Power stage software not suitable for machine.	Wrong software on power stage. Upload software for respective machine.	Platform power stage has already been fitted into another machine type. 9000S+,9000F,1500S+,5000S+ have the same power stage	Exchange software according to machine type. Menu Service - Service routines - Power stage update
9902	2	Please carry out power stage update syrup station. Version is not compatible.	Power stage syrup: Firmware version is not compatible	The read firm ware version does not correspond to the expected one.	Update power stage
9903	2	Switch coffee machine off and on again. In case of error, please call service!	Current too high at one or more outputs of circuit of sensor 10. All outputs have been switched off.	Overcurrent of one of the components in circuit 10	Check components of circuit 10 and exchange if required
9904	2	Please carry out power stage update coffee machine Cup Sensor. Version is not compatible.	Power stage: Firmware version Cup Sensor is not compatible	The read firm ware version does not correspond to the expected one.	Update power stage Cup Sensor
9905	2 d	Overcurrent current sensor1 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 1. Self-healing running.	Overcurrent of one of the components in circuit 1	In case that error appears > 3x, error 9607 is displayed. Only then measures will be required.
9906	2 d	Overcurrent current sensor2 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 2. Self-healing running.	Overcurrent of one of the components in circuit 2	In case that error appears > 3x, error 9619 is displayed. Only then measures will be required.
9907	2 d	Overcurrent current sensor3 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 3. Self-healing running.	Overcurrent of one of the components in circuit 3	In case that error appears > 3x, error 9620 is displayed. Only then measures will be required.

9908	2 d	Overcurrent current sensor4 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 4. Self-healing running.	Overcurrent of one of the components in circuit 4	In case that error appears > 3x, error 9621 is displayed. Only then measures will be required.
9909	2 d	Overcurrent current sensor5 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 5. Self-healing running.	Overcurrent of one of the components in circuit 5	In case that error appears > 3x, error 9622 is displayed. Only then measures will be required.
9910	2 d	Overcurrent current sensor6 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 6. Self-healing running.	Overcurrent of one of the components in circuit 6	In case that error appears > 3x, error 9623 is displayed. Only then measures will be required.
9911	2 d	Overcurrent current sensor7 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 7. Self-healing running.	Overcurrent of one of the components in circuit 7	In case that error appears > 3x, error 9624 is displayed. Only then measures will be required.
9912	2 d	Overcurrent current sensor8 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 8. Self-healing running.	Overcurrent of one of the components in circuit 7	In case that error appears > 3x, error 9625 is displayed. Only then measures will be required.
9913	2 d	Overcurrent current sensor9 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 9. Self-healing running.	Overcurrent of one of the components in circuit 9	In case that error appears > 3x, error 9626 is displayed. Only then measures will be required.

9914	2 d	Overcurrent current sensor10 detected. Self-healing running.	A too high current has been detected at one or more outputs of circuit of current sensor 10. Self-healing running.	Overcurrent of one of the components in circuit 10	In case that error appears > 3x, error 9903 is displayed. Only then measures will be required.
9922	2	Granulate cleaning container clogged	Cleaning container granulate clogged	Foreign object, humidity… in outlet pipe the light barrier is permanently contacted	clean, remove foreign object, blockage
9923	2	Last cleaning cycle performed with empty granulate container.	Granulate dispenser empty	Granulate dispenser empty	Refill granulate dispenser
9924	2	Max. possible number of cleaning cycles reached with too little granulate	Granulate dispenser empty, refill granulate	Max. number without cleaning agent reached. with too little granulate. Cleaned at least 10 times with empty granulate container.	Refill granulate
9925	2	Please carry out power stage update coffee machine AutoClean. Version is not compatible.	Power stage: Firmware version AutoClean is not compatible	The read firm ware version does not correspond to the expected one.	Update power stage AutoClean
9926	1 b	Timeout granulate dispenser. Locking disc blocked. Please remove cleaning can and check granulate dispenser for contamination. Afterwards confirm in order to carry out system cleaning.	Locking disc could not reach end position.	-> Granulate ball blocks locking disc -> Locking disc mechanically jammed -> Locking disc motor defective	Check the granulate dispenser feeder for granulate residues and remove them. Check function of locking disc motor and replace if necessary.
9927	2	Timeout granulate dispenser. Locking disc blocked. Switch coffee machine off and on again. In case of error, please call service!	Locking disc could not reach end position and is open	-> Locking disc mechanically jammed -> Locking disc motor defective	Check the granulate dispenser feeder for granulate residues and remove them. Check function of locking disc motor and replace if necessary.

9928	2	Locking disc calibration needs to be carried out and completed! Please remove the granulate dispenser and check for dirt or defect. Afterwards carry out locking disc calibration again.	Locking disc calibration interrupted	Locking disc calibration has been interrupted as end position could not be reached	Remove granulate dispenser and check for dirt or defect. Afterwards, mantle it again and carry out another locking disc calibration.
9931	1 a	Coffee filter capsule due soon. In order to be able to carry out automatic cleaning including the coffee filter system, please remove the coffee filter before the start of automatic cleaning	Remove coffee filter capsule before cleaning. If it is not removed, cleaning is carried out without the FFC path. Only filter beverages are not available afterwards.	Coffee filter capsule due soon	Remove coffee filter capsule
9932	1 a	System cleaning for coffee filter beverages due soon. In order to be able to carry out automatic cleaning including the coffee filter system, please remove the coffee filter before the start of automatic cleaning	Remove coffee filter capsule so that during automatic cleaning the FFC path can also be cleaned	System cleaning for coffee filter beverages due soon.	Remove coffee filter capsule before cleaning
9933	1 b	No milk system cleaner detected. Please check and carry out calibration again.	The determined value of conductivity via the drain pipe during calibration is too high. (Value corresponds to calibration with water)	The calibration has been carried out without milk system cleaner	> use milk system cleaner for calibration > check cleaning adapter > check filling level of cleaning agent bottle and exchange if required > check cleaning pump > check plug connectors for leakage

9934	1 b	No coffee system cleaner detected. Please check and carry out calibration again.	The determined value of conductivity via the drain pipe during calibration is too high. (Value corresponds to calibration with water)	The calibration has been carried out without coffee system cleaner	> use coffee system cleaner for calibration > check granulate dispenser > check filling level of granulate dispenser
9936	2	Manual insert has opened independently. Please close manual insert. Select beverage again.	Manual insert was opened- during 1st heating-up- warm rinsing brewer- cleaning		
9937	1 d	New Firmware Software Version ready for installation	New Firmware Software Version ready for installation	New Firmware Software Version ready for installation	The machine has received a new firmware software version which needs to be installed. The firmware version can be installed in the menu -> System -> Telemetry -> Remote actions.
9938	1 b	Powder hopper empty, please refill	Powder hopper empty, please refill	No Powder in the Powder hopper; BLE Sensor detect wrong	Refill Powder; check BLE Sensor
9939	1 b	Powder hopper empty, please refill	Powder hopper empty, please refill	No Powder in the Powder hopper; BLE Sensor detect wrong	Refill Powder; check BLE Sensor
9940	1 a	Powder hopper empty soon, please refill	BLE sensor detects little powder in the powder hopper	Little Powder in the Powder hopper; BLE Sensor detect wrong	Refill Powder; check BLE Sensor
9941	1 a	Powder hopper 2 empty soon, please refill	BLE sensor detects little powder in the powder hopper 2	Little Powder in the Powder hopper 2; BLE Sensor detect wrong	Refill Powder; check BLE Sensor
9944	1 a	Bean hopper 1 empty soon, please refill	BLE sensor detects little beans in the bean hopper 1	Little beans in the bean hopper 1; BLE Sensor detect wrong	Refill beans; check BLE Sensor

9945	1 a	Bean hopper 2 empty soon, please refill	BLE sensor detects little beans in the bean hopper 2	Little beans in the bean hopper 2; BLE Sensor detect wrong	Refill beans; check BLE Sensor
9946	1 a	Bean hopper 3 empty soon, please refill	BLE sensor detects little beans in the bean hopper 3	Little beans in the bean hopper 3; BLE Sensor detect wrong	Refill beans; check BLE Sensor
9947	1 a	Bean hopper 4 empty soon, please refill	BLE sensor detects little beans in the bean hopper 4	Little beans in the bean hopper 4; BLE Sensor detect wrong	Refill beans; check BLE Sensor
9948	2		Battery level low BLE sensor	Battery level low	Replace battery
9949	3 a				
F120	2	Switch coffee machine off and on again. In case of error, please call service!	CAN connection of power stage, front panel, syrup station, cup sensor interrupted	Cable broken or not plugged in. For example, syrup station selected in machine, but not plugged in at machine	Check cable / coding; deactivate not available components in machine configuration
F121	2	Switch coffee machine off and on again. In case of error, please call service!	Dialogue error CAN, no communication with at least one node (power stage/stepper)	Node not available, load resistance, cable break	Check load resistance
F130	2	Switch coffee machine off and on again. In case of error, please call service!	General current error, Total power input of machine exceeds the upper limit	Short circuit 24V/30V	24V/30V check / exchange components
F149	2	Switch coffee machine off and on again. In case of error, please call service!	General voltage error, power supply does not provide any voltage even after several repeated switch-on efforts.	Power supply defective, power plug not plugged in correctly	Check power supply/plugs

F161 (9269)	2	Minimum flow brewing. Please dismantle brewing unit and clean sieve! For description, please consult user manual!	Water pressure check has been carried out. Pulses have been detected through release valve. Not through brewing unit	- Coffee adjustments wrong - Components dirty or broken	- Check or modify coffee adjustments - Check, clean or change faulty components
F161 (9329)	2	Minimum flow brewing. Repetition: Please confirm	Minimum flow underrun during brewing	Too little FM pulses have been recognized.	After confirmation, brewing is continued with reduced pump pulse
F162 (9270)	2	Minimum flow cleaning. Please dismantle brewing unit and clean sieve! For description, please consult user manual!	2nd level: Minimum flow during cleaning. Confirmation not possible. Machine has to be restarted.	Water pressure check has been carried out. Pulses have been detected through release valve. Not through brewing unit	Check brewing path (e.g. dismantle brewing unit, clean sieve)
F162 (9330)	2	Minimum flow cleaning. Repetition: Please confirm	Minimum flow underrun during cleaning	Too little FM pulses have been recognized.	After confirmation, cleaning is continued
F164 (9244)	2	Minimum flow hot water dosing Switch coffee machine off and on again. In case of error, please consult user manual!	Minimum flow at hot water dosing (tank machine)	Error water supply	After confirmation, dosing is tried again. Check water supply / flow meter. Remove blockage or defective component or exchange it
F164 (9369)	2	Minimum flow hot water dosing Switch coffee machine off and on again. In case of error, please call service!	2nd level: Minimum flow at hot water dosing. Confirmation not possible. Machine has to be restarted.	Water supply blocked (e.g. sieve pressure reducer/sieve water tank clogged; oscillation pump does not work)	Check water supply. Remove blockage or defective component or exchange it

F165 (9245)	2	Minimum flow mixer dosing. Repetition: Please confirm	Minimum flow at mixer dosing (tank machine)	Error water supply	After confirmation, dosing is tried again. Check water supply / flow meter. Remove blockage or defective component or exchange it
F165 (9368)	2	Minimum flow mixer dosing Switch coffee machine off and on again. In case of error, please call service!	2nd level: Minimum flow at mixer dosing. Confirmation not possible. Machine has to be restarted.	Water supply blocked (e.g. sieve pressure reducer/sieve water tank clogged; oscillation pump does not work)	Check water supply. Remove blockage or defective component or exchange it
F185 (9573)	2	Switch coffee machine off and on again. In case of error, please call service!	Max. time steam dispensed without refill of steam boiler and without PW level change	Max. time steam dispensed without refill of steam boiler and without PW level change	Check level probe and steam boiler feed valve
F186	2	Switch coffee machine off and on again. In case of error, please call service!	Timeout steam boiler supply	Electrode not reached after time limit	Check sensor system / water system.
F187	2	Switch coffee machine off and on again. In case of error, please call service!	Sensor break steam boiler	Sensor is not recognized. Digit evaluation (digit value 1024)	Check temperature sensor / cable
F188	2	Heating! Disconnect machine from power supply and call service!	Overtemperature steam boiler	Target temperature exceeded	Check sensor system / SSR
F189	2	Switch coffee machine off and on again. In case of error, please call service!	Heating time steam boiler	Machine has not reached temperature in predetermined time	Check: cables, heating steam boiler, SSR relay, temperature limiter, power class

F87	2	Switch coffee machine off and on again. In case of error, please call service!	Sensor break boiler	Temperature sensor is not recognized	Check resp. exchange temperature sensor
F88	2	Overtemperature boiler. Attention: Disconnect machine from power supply!	Overtemperature boiler	Target temperature exceeded	Check sensor system / SSR
F89	2	Switch coffee machine off and on again. In case of error, please call service!	Heating time boiler	Boiler has not reached temperature in predetermined time	