

SERVICING INSTRUCTIONS

WASHING MACHINES

4-022-0705

PG0 - AKO - FAILURES

FAILURE NUMBER	SHORT DESCRIPTION	DESCRIPTION	FAILURE DISPLAY
F1	connection to temperature sensor open or short-circuited	The failure is set, if the connection to the temperature sensor is open or if there is a short circuit between the two terminals of the sensor. The washing program will be ended without heating. The failure will be displayed at the end of the washing program. This must be check at the beginning of program and again before heating step.	All LED repeatedly pulsate: 1x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F1
F2	The connection with door lock is open	<p>If after 8 sec. after start the program the door lock is not yet close (power on contact C on door lock) that this failure will be displayed. Supply of door lock will be ON, and WM will wait that door lock will be close.</p> <p>-----</p> <p>If door lock lose power on contact (check longer time), than also failure will be displayed. The washing program will be stop. To start the washing program again, the user has to check if the door close is and press the „Start“-button. If the failure occurred again, the washing program is stopped for permanently. If is water in the machine, than pumping 2 minutes Supply of door lock will be OFF.. Failure will be displayed again, and it is not possible to start the washing program again.</p>	<p>The LED START/PAUSE repeatedly pulsate: 2 x (¼ sec. ON , ¼ sec. OFF) than 5 sec. OFF (pause)</p> <p>-----</p> <p>All LED repeatedly pulsate: 2 x (¼ sec. ON , ¼ sec. OFF) than 5 sec. OFF (pause) On LED F2</p>
F3	<p>the water level was not reached.</p> <ul style="list-style-type: none"> - water tap closed - leak in the machine - valve defect 	The failure is set, if within filling or heating step the water level is below level 1 for the filling time or 2 minutes in heating time. If the failure occurred the first time within a washing program, the current step will be started again. If the failure occurred the second time (twice in succession), the washing program is stopped, and the failure will be displayed. To continue the washing program, the user has to press the „Start“-button. If the failure occurred the third time, the washing program is stopped, the failure will be displayed, and it is not possible to start the washing program again.	All LED repeatedly pulsate: 3 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F3
F4	the connection to the tachogenerator is open or short-circuited	If the washing program is active and the motor control unit gets no signal from the tachogenerator, the first time the failure occurs a pause of 1minute is executed. This repeat 3 times. If once happens that motor work O.K. than all previous failure must be deleted. When the failure is detected the 4 time's the washing	All LED repeatedly pulsate: 4 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F4

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		program is stopped immediately. If the temperature is higher than 60°C than cool down with cold water 30 seconds. Then pumping water 2 minutes. STOP the program. The failure will be displayed.	
F5	the triac is short-circuited	The failure is set, if the washing program is active and the motor is working without control of triac. The washing program is stopped immediately. After 2 minutes try again. If the failure is not present, than forget the first failure and continue work. If it is the same failure again, than program stops complete. If the temperature is higher than 60°C than cool down with cold water 30 seconds. Then pumping water 2 minutes. STOP the program. The failure will be displayed.	All LED repeatedly pulsate: 5 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F5
F6	temperature not reached - heater defect	The failure is set, if after a heating step the temperature is more than 15°C lower than the rated temperature. The washing program will be ended normally. The failure will be displayed at the end of the washing program.	All LED repeatedly pulsate: 6 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F6
F7	the water level does not fall below level 1 - pump clogged - pump defect	The failure is set, if after a pumping step the water level did not fall below level 1. If the failure occurred the first time within a washing program, the current step will start again. If the failure occurred the second time (twice in succession), the washing program is stopped and the failure is displayed. To continue the washing program, the user has to press the „Start“-button. If the failure occurred the third time, the washing program is stopped and the failure is displayed. It is not possible to start the washing program again.	All LED repeatedly pulsate: 7 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F7
F8	The WM not reach max. spin speed (the tapped field relay does not switch)	The failure is set, if at the end of the spinning cycle of the testing program the spin is more than 200rpm lower than the rated speed. The failure is displayed after the end of the testing program.	All LED repeatedly pulsate: 8 x (¼ sec. ON, ¼ sec. OFF) than 5 sec. OFF(pause) On LED F8