

# 13 Error code list with operation via external AZL2... display



Note:

Display depends on program module, see *User Documentations!*

Error code	Clear text	Possible cause
Loc: 2	No establishment of flame at the end of safety time	<ul style="list-style-type: none"> <li>- Faulty or soiled fuel valves</li> <li>- Faulty or soiled flame detector</li> <li>- Poor adjustment of burner, no fuel</li> <li>- Faulty ignition equipment</li> </ul>
Loc: 3	Air pressure faulty (air pressure switch welded in no-load position, decrease to specified time (air pressure switch response time))	<ul style="list-style-type: none"> <li>- Air pressure switch faulty</li> <li>- Loss of air pressure signal after specified time</li> <li>- Air pressure switch has welded in no-load position</li> </ul>
Loc: 4	Extraneous light	Extraneous light during burner startup
Loc: 5	Air pressure faulty, air pressure switch welded in working position	<ul style="list-style-type: none"> <li>- Timeout air pressure switch</li> <li>- Air pressure switch has welded in working position</li> </ul>
Loc: 6	Fault of actuator	<ul style="list-style-type: none"> <li>- Actuator faulty or blocked</li> <li>- Faulty connection</li> <li>- Wrong adjustment</li> </ul>
Loc: 7	Loss of flame	<ul style="list-style-type: none"> <li>- Too many losses of flame during operation (limitation of repetitions)</li> <li>- Faulty or soiled fuel valves</li> <li>- Faulty or soiled flame detector</li> <li>- Poor adjustment of burner</li> </ul>
Loc: 8	---	Free
Loc: 9	---	Free
Loc: 10	Error not relatable (application), internal error	Wiring error or internal error, output contacts, other faults
Loc: 12	Valve proving	Fuel valve 1 leaking
Loc: 13	Valve proving	Fuel valve 2 leaking
Loc: 14	POC error	Error valve closure control POC
Loc: 20	Gas pressure switch-min open	Gas shortage
Loc: 22	Safety loop open	<ul style="list-style-type: none"> <li>- Gas pressure switch-max open</li> <li>- Safety limit thermostat cut out</li> </ul>
Loc: 60	Analog power source 4...20 mA, I <4 mA	Wire breakage
Loc: 83	PWM fan faulty <i>Also spark wire interference</i>	<ul style="list-style-type: none"> <li>- PWM fan does not reach the target speed within the preset period of time, or</li> <li>- After reaching the target speed, the PWM fan leaves the tolerance band again (parameter 650) for a time exceeding the tolerance time speed deviation (parameter 660)</li> </ul>
Loc: 138	Restore process successful	Restore process successful
Loc: 139	No program module detected	No program module plugged in
Loc: 167	Manual locking	Manual locking
Loc: 206	AZL2... incompatible	Use the latest version

Error code	Clear text	Possible cause
Loc: 225	PWM fan faulty	<ul style="list-style-type: none"> <li>- Fan speed dropped below the minimum prepurge PWM (parameter 675.00) after reaching the prepurge speed, or</li> <li>- After reaching the ignition load speed, the maximum ignition load PWM (parameter 675.01) was exceeded</li> </ul>
Loc: 226	PWM fan faulty	Parameterization error: <ul style="list-style-type: none"> <li>- Speed low-fire &gt; speed high-fire, or</li> <li>- Low-fire = 0 rpm, or</li> <li>- Maximum speed = 0 rpm</li> </ul>
Loc: 227	PWM fan faulty	One or several parameters violate the minimum/maximum limit
rSt Er1	Error in compatibility program module to basic unit during restore process	- Program sequence of program module does not match the basic unit
rSt Er2	Error in compatibility program module to basic unit during restore process	- Hardware of basic unit does not match the program module
rSt Er3	Error during restore process	<ul style="list-style-type: none"> <li>- Program module faulty</li> <li>- Program module removed during restore process</li> </ul>
bAC Er3	Fault of compatibility program module to basic unit during backup process	Program sequence of program module does not match the basic unit
Err PrC	Fault of program module	<ul style="list-style-type: none"> <li>- Error in data content of program module</li> <li>- No program module fitted</li> </ul>