

5.5 Fault code output (flashing or FXX output)

Fault code output:	Fault message	Fault details	Recommended measures
Flashing / FXX			
F00	Defective control unit	Control unit defective EOL programming error	1) Check for fault in area of W-bus communication/W-bus control element/W-bus Telestart 2) Replace control unit
F01	No start	No flame formed even after repeated start attempt	1) Check for fault in air intake and exhaust systems 2) Check for fault in fuel system 3) Check fuel pump 4) Electrical check of glow plug
F02	Flame failure	The flame goes out during operation and no longer reformed after a restart attempt.	See error 01
F03	Supply Voltage too high	The operating voltage was higher than the maximum permissible value for too long	Check system voltage
F04	Flame was detected prior to combustion	The flame monitor detected a flame before combustion started	1) Check for fault in air intake, exhaust systems 2) Check for fault in fuel system 3) Check fuel pump 4) Electrical check of glow plug
F05	Flame sensor interruption	There is a break or short to UB in the electrical circuit of the flame detector	Electrical check of flame monitor
F06	Temperature sensor interruption (internal, external)	There is a break or short to UB in the temperature sensor	Electrical check of external/internal temperature sensor
F07	Fuel pump interruption	There is a break or short to UB in the electrical circuit of the fuel pump	Electrical check of fuel system
F08	Combustion air fan short circuit	The combustion air fan has a short to ground or the fan motor is overloaded	Electrical check of combustion air fan motor
	Combustion air fan blocked	Combustion air fan blocking guard has tripped	1) Check for fault in fan motor 2) Heating air intake fan wheel snagging or jammed 3) Combustion air intake fan wheel snagging or jammed
F09	Glow plug / electronic ignition unit interruption	There is a break or short to UB in the glow plug/ignition spark generator	Electrical check of glow plug
F10	Heating unit overheated	Overheating lock-out has tripped (heater overheated)	1) Check for fault in air intake/blow-out side, exhaust systems 2) Check for fault in fuel system
F11	Overheat sensor interruption	There is a break or short to UB in the electrical circuit of the overheating sensor	Electrical check of overheating sensor

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F12	Heater lock-out	Heater lock-out was activated	1) Reset heater lock-out and attempt restart 2) Read out further fault messages and work through instructions Reset heater lock-out: switch on heater. Pull fuse F1 for at least 10 s. Switch off heater. Reinsert fuse F1. Switch on the heater. NOTE Following fault occurred several times: Fault counter: > 10x False start counter: > 7x Overheating counter: > 20x
F14	Gradient undershooting during start	Wrong position of overheating sensor (overheating sensor gradient too small)	1) Check position of overheating sensor 2) Check fuel supply system
F15	Setpoint potentiometer interruption	There is a break or short to UB in the electrical circuit of the setpoint potentiometer	Electrical check of setpoint sensor