Fault code on Remote	Fault type	Esys Fault code	Part	Description	Error is set when…	C: Error is cleared when…
0	No Fault / Power-up	nvt	DFGT	This indicates no fault situation. The value is set to zero in case of a power-up of the DFGT.		
1	ESYS communication failure	nvt	DFGT	The communication with the Esys fails		Check wiring
2	Internal Temperature to high	nvt	DFGT	The internal temperature of the DFGT is too high.		Check if the ventilation slots of the DFGT are not blocked.
						Check if there is enough free space around the DFGT.
						Check if there is enough air flow to cool the electronics
3	Internal NTC fault	nvt	DFGT			
4	External NTC fault	nvt	DFGT	The external NTC sensor is not operating correctly		Check the wiring of the sensor. Replace the sensor if needed.
5	Internal safety fault / incorrect configuration of Ignition Control Type	nvt	DFGT	Internal safety fault or the DFGT is not configured correctly		reconfigure with factory tool, check parameters
6	RF Communication timeout	nvt	DFGT			Check the communication with the remote control. The remote control must be nearby.
7	No flame and no fault feedback from esys (timeout on flame)	nvt	DFGT			Check the communication with the remote control. The remote control must be nearby.
8	ESYS error and flame not detected	1	ESYS	Ignition Lockout	The number of ignition trials has been elapsed and there was not flame establishment during the safety time.	
		2		False Flame	There is a flame signal present at a time that there is no flame expected; which is when the gas valves are closed.	
		3		Safety Cut-off (orHigh Limit)	The safety cut-off switch opens due to an overheat situation in the application.	
		8		Flame Circuit Error	The self check of the flame circuit has failed.	
		27		Flame Lost	There was not flame establishment during the safety time.	
9	Disable contact closed (user must manually close contact)	50	ESYS	Enable Inputs	Switch input to turn-on Domotica inputs closed.	Check APS Switch must be open state.
10	ESYS error when mode is Pilot on for less than 30 minutes	1	ESYS	Ignition Lockout	The number of ignition trials has been elapsed and there was not flame establishment during the safety time.	
		27		Flame Lost	There was not flame establishment during the safety time.	
11	ESYS error when mode is Pilot on for more than 30 minutes	1	ESYS	Ignition Lockout	The number of ignition trials has been elapsed and there was not flame establishment during the safety time.	
		27		Flame Lost	There was not flame establishment during the safety time.	
12	ESYS error when not released	12	ESYS	EEPROM Lockout	Safety EEPROM content check failed.	
		27		Flame Lost	There was not flame establishment during the safety time.	
13	ESYS error in On Mode	1	ESYS	Ignition Lockout	The number of ignition trials has been elapsed and there was not flame establishment during the safety time.	
		27		Flame Lost	There was not flame establishment during the safety time.	
14	ESYS error in Second On Mode	1	ESYS	Ignition Lockout	The number of ignition trials has been elapsed and there was not flame establishment during the safety time.	
		27		Flame Lost	There was not flame establishment during the safety time.	
15	Esys Wiring or gas valve	4	ESYS	APS related errors		
		5		No tacho signal received when fan is controlled		
		9		Valve Drive CircuitError	The self check of the valve drive circuit has failed.	
16	Esys internal failure	21	ESYS	ADC Error	Internal controller error.	
		22		Low Main voltage	Trigger voltage less than 150 +/- 10 VAC).	Resolved in 10 seconds when Mains brought back (164-176 VAC).
		25		Matching Error	Software in micro and EEPROM don't belong to each other.	Control needs to be replaced.
17	Unknown ESYS failure	Other ESYS failure than listed here	ESYS			