

# Fault Codes for Series DF (26 Side Only) and Series 26

Review 'Series 26 Fault Code Troubleshooting' document for more help

Fault Code(Blinks)	Fault mode	Possible Remedies
0	NO_FAIL	
1	NOISY_SWITCH_DETECTED	For Manual Reset or Test Mode Option only. Check for faulty/intermittent switch, intermittent wiring
2	MANUAL_MODE_WRONG_RESET_STATE_ON_POWER_UP	Check for faulty or unconnected Manual Reset Switch or open circuit wiring of this switch circuit.
3	AUTO_MODE_WRONG_RESET_STATE_ON_POWER_UP	Ensure Reset 1 and Reset 2 (Reset) Terminals are unconnected.
4	STUCK_RESET_SW_INPUT_WITH_TEST_MODE_DISABLED	Check for faulty or unconnected Reset Switch or open-circuit/intermittent wiring of this switch circuit.
5	RESET_INPUT_STUCK	Check for faulty or unconnected Reset Switch or open-circuit/intermittent wiring of this switch circuit.
6	INVALID_BOARD_TYPE	Not serviceable - contact Gems factory for assistance.
7	INVALID_S26_MODE_CONFIG	Not serviceable - contact Gems factory for assistance.
8	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
9	ILLEGAL_POWER_UP	Not serviceable - contact Gems factory for assistance.
10	TRIANGLE_AMPLITUDE	Not serviceable - contact Gems factory for assistance.
11	TRIANGLE_AMPLITUDE	Not serviceable - contact Gems factory for assistance.
12	TRIANGLE_ZERO_CROSSING	Not serviceable - contact Gems factory for assistance.
13	REFERENCE_VOLTAGE_LIMITS	Not serviceable - contact Gems factory for assistance.
14	CAPTURE_EDGES_OUT_OF_RANGE	Not serviceable - contact Gems factory for assistance.
15	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
16	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
17	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
18	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
19	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
20	OUT_OF_RANGE_5_VOLT	Not serviceable - contact Gems factory for assistance.
21	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
22	LLCO_PROBE_BELOW_LOW_LIMIT_FAIL	Not serviceable - contact Gems factory for assistance.
23	HIGH_PROBE_BELOW_LOW_LIMIT_FAIL	Not serviceable - contact Gems factory for assistance.
24	Unused in single channel design	Not serviceable - contact Gems factory for assistance.

25	Unused in single channel design	Not serviceable - contact Gems factory for assistance.
26	HP_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
27	LP_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
28	LLCO_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
29	WRONG_FIRMWARE_VERSION_DETECTED	Not serviceable - contact Gems factory for assistance.
30	EEPROM_CRC_ERROR	Not serviceable - contact Gems factory for assistance.
31	RAM_EEPROM_VERIFY_ERROR	Not serviceable - contact Gems factory for assistance.
32		
33	INTERNAL_WDT_FAILURE	Not serviceable - contact Gems factory for assistance.
34	DIO_TEST_FAILURE	Not serviceable - contact Gems factory for assistance.
35	POST_RAM_TEST_FAILURE	Not serviceable - contact Gems factory for assistance.
36	PROGRAM_COUNTER_TEST_FAILURE	Not serviceable - contact Gems factory for assistance.
37	PERIODIC_RAM_TEST_FAILURE	Not serviceable - contact Gems factory for assistance.
38	POST_CPU_REGISTER_TEST_FAILURE	Not serviceable - contact Gems factory for assistance.
39	HARDWARE_COMPARATOR_FAILURE	Not serviceable - contact Gems factory for assistance.
40	DIRECT_RELAY_DRIVE_FAILURE	Not serviceable - contact Gems factory for assistance.
41	FLASH_CHECKSUM_ERROR	Not serviceable - contact Gems factory for assistance.
42	POST_FLASH_CHECKSUM_ERROR	Not serviceable - contact Gems factory for assistance.
43	PROB_MINDER_VALUES_OUT_OF_RANGE	Not serviceable - contact Gems factory for assistance.
44	WRONG_INSTRUCTION_DECODING	Not serviceable - contact Gems factory for assistance.
45	TOO_FAST_INTERRUPTS	Not serviceable - contact Gems factory for assistance.
46	TOO_SLOW_INTERRUPTS	Not serviceable - contact Gems factory for assistance.
47	LAST_FAILCODE_PLUS_1	Not serviceable - contact Gems factory for assistance.