

FlexFit System Messages

Value of Modbus Register	Status Message
0	(Blank)
1	BMS: Invalid Software Version
2	CC2: Invalid Software Version
3	No Errors
4	Needs Zero Cal
5	Needs Seek Limits
6	Lost Communication
7	Incompatible Software Version
8	Servo Data Unverified
9	Address / Daisy Chain Error
10	Data doesn't match CC
11	Zero Cal data doesn't match CC
12	Config data doesn't match CC
13	New Zero Value
14	Open Limit data doesn't match CC
15	Closed Limit data doesn't match CC
16	Potentiometer Alignment Changed
17	Seek Mode Failure
18	Failed To Seek Open Limit Position
19	Failed To Seek Closed Limit Position
20	Servo Check or Seek Limits Aborted By User
21	Seek Aborted - Servo Reported Error
22	Not Positioning
23	Pot Reference Voltage Out of Range
24	A/D Error
25	Pot Wiper Voltage Too High
26	Pot Wiper Voltage Too Low
27	Desired / Observed Direction Mismatch
28	Entered CW Forbidden Zone
29	Entered CCW Forbidden Zone
30	Local Override Jumper J11 Missing
31	CC Comm Failure
32	Config Data Bad
33	Zero Data Bad
34	Limits Data Bad
35	Deadband Data Bad
36	Zero Is Near Open, Zero Cal Req'd
37	Limits Span Is Too Small
38	Limits Span Is Too Large
39	Speed Out of Range, Seek Limits Req'd
40	Unknown Servo Error
41	Purge Positions Not Verified

42	Ignition Positions Not Verified
43	Fuel Not At Position
44	FD Damper Not At Position
45	Aux Not At Position
46	FD VSD Not At Position
47	FGR Damper Not At Position
48	Aux 2 Not At Position
49	Aux 3 Not At Position
50	Draft Servo Not At Position
51	Draft Adjustable Start Interlock Not Made
52	Unverified Curve Points
53	Too Few Curve Points
54	High Flue Temperature
55	Low Oxygen
56	O2 Calibration Data Bad
57	O2 Cell T/C Cold Junction Sensor Error
58	O2 Cell Not at Temperature
59	O2 A/D Error
60	O2 Impedance Relay Malfunction
61	Info Missing
62	Info Missing
63	Info Missing
64	Parameter Error
65	Servo Config Menu: Servo Function Error
66	O2 Trim In Manual Mode during PreStart
67	Curve Device Setup Or Data Changed, Please Re-Verify
68	Curve Max - Curve Min: Fuel Span too small
69	User Max - User Min: Fuel Span too small
70	User Max - Curve Min: Fuel Span too small
71	Curve Max - User Min: Fuel Span too small
72	Fuel Valve Closed Limit switch is on curve
73	Fuel Valve Open Limit switch is on curve
74	Curve Fuel Values Not In Ascending Order
75	BMS/CC2/LCD Parameters don't match CC
76	FR Controller Off
77	Commission Mode Disabled
78	Commission Mode Enabled
79	Fuel Feedback Is Not On Curve
80	Commission Mode
81	Moving To Curve
82	FGR Temp Low Fire Hold
83	Warm Standby
84	Cold Start Warm Up
85	Low Fire Hold
86	Manual Firing Rate
87	Domestic Hot Water Override
88	Modulate

89	Moving To Low Fire Cutoff
90	Relay was ON, should be OFF
91	Relay was OFF, should be ON
92	ALFCO Moving To Low Fire
93	Call For Heat Open
94	Combustion Control Requested Lockout
95	Not at Purge Positions
96	Not at Ignition Positions
97	CC Safe Start Error
98	Combustion Curves Don't Match Fan Speed
99	Leak Test: Downstream Valve Test
100	Fan Off, MAF/Trip Interlocks Made
101	Fan Off, PAF/HFP Made
102	FD Fan Mode Changed: Full Speed vs VSD
103	Flame Detected During Standby
104	Flame Failure
105	Safety Shutoff Not Closed
106	Safety Shutoff Closed When Firing
107	Leak Test: Downstream Valve Leak
108	Leak Test: Both Valves Passed
109	Leak Test: Pressurizing
110	Leak Test: Upstream Valve Leak
111	Leak Test: Venting
112	Running Interlocks Open
113	Limits Made
114	Low Draft
115	High Fire/Purge Switch
116	Low Fire Start Switch
117	HOLD: MAF/Trip Intlks/PAF/HFP Test
118	HOLD: MAF/Trip Intlks Test
119	HOLD: PAF/HFP Test
120	Main Flame Trial
121	Main Trial Flame Failure
122	MTFI: Stabilizing
123	Moving To Ignition
124	Moving To Purge
125	Start Limits Open
126	Fuel Selection Changed
127	Nonvolatile Storage Corruption
128	Pilot Trial
129	PTFI Pilot Flame Failure
130	Direct Spark Trial
131	Direct Spark Trial Flame Failure
132	Power Failure
133	Post Purge In Progress
134	Leak Test: Pressure High After Venting
135	Leak Test: Pressurizing Failed

136	Purge Complete
137	Purge Interlocks Open > 30 sec
138	Purging
139	Safety Relay Did Not Open
140	Safety Relay Did Not Make
141	Released To Modulate
142	Scanner Check 24 Hr Recycle
143	Safe Start
144	False Flame
145	Scanner Sees Flame
146	Servo Check
147	Single Fuel Not Selected
148	Test Hold Pilot
149	Leak Test: Upstream Valve Test
150	Bad Modbus Connection
151	Bad Remote Setpoint/Remote Firing Rate
152	Draft Servo Error
153	Draft FeedForward Error
154	Password Changed
155	Password Level >= Operator
156	Password Level <= Operator
157	FlexFit Powered Up
158	Time/Date Changed
159	Ignition Position Is Not On Curve
160	Leak Test: Hold for Lockout Interlocks
161	Leak Test Delayed Until Pre-Purge
162	Invalid Relay Board
163	FD VSD Not Assigned to Buttons 3, 4, or 5
164	FGR Servo Not Assigned to Buttons 3, 4, or 5
165	Aux1 Not Assigned to Buttons 3, 4, or 5
166	Aux2 Servo Not Assigned to Buttons 3, 4, or 5
167	Aux3 Not Assigned to Buttons 3, 4, or 5
168	Button Set 3, Invalid Device Selected
169	Button Set 4, Invalid Device Selected
170	Button Set 5, Invalid Device Selected
171	Button Set Assignment Error
172	Duplicate Button Set Assignment
173	Button Set Error: Multiple Aux2 Selected
174	Button Set Error: Aux2 Servo Not Detected
175	Draft Servo Missing or Misconfigured