

Status LED Display

Display will scroll around in a circle if all is OK  
Or flash a 3 alphanumeric code for status or fault

Status

- SLL Software Low Limit
- SHL Software High Limit
- HLL Hardware Low Limit
- HHL Hardware High Limit

The drive is at a software limit and will only respond to higher position setpoints  
 The drive is at a software limit and will only respond to lower position setpoints  
 The Low Limit switch is off and drive will only respond to forward motion  
 The High Limit switch is off and drive will only respond to Reverse motion

F08

KP 200

KI 200

KD 1000

GEN 5

400

400

4000

GEN 1

Two Wags

Faults

- F01 Invalid hall state on Hall inputs
- F02 Encoder Wiring Fault
- F03 Encoder Power Fault

Check hall wiring or motor hall sensors or that controller is set in correct brush/brushless mode  
 Check encoder wiring or encoder on motor  
 Internal auto reset fuse has tripped due to over current on encoder supply Check encoder wiring or encoder on motor

- F04 Position Error limit exceeded

Check for jam on machine and that motor can turn freely, check if trying to drive motor too fast,  
 Check for under voltage on motor or faulty motor or encoder, check current limiting in drive

- F05 Motor Over current fault

Peak current limit has been reached on servo drive check for faulty wiring or motor or overloaded  
 The motor supply voltage is either to high or low

- F06 Motor Power Fault

The drive is overheating ensure adequate ventilation, overloading etc fan force cooling if required

- F07 Temperature Fault

Massive over current detected by Drive Amp, check for a short circuit on the motor or wiring

- F08 Amp Disabled

While the drive was enabled it lost its enable (Emergency stop) input

- F09 Enable Lost

Call Cyberlogix if you see this fault

- F10 Call Cyberlogix if you see this fault

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- F11 Call Cyberlogix if you see this fault

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- F12 Call Cyberlogix if you see this fault

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- F13 Host device communications has timed out (Drive must have host comms every 3 secs)

Drive has not been setup, send setup message to drive (normally by a reset button in software)

- F14 Drive Not Setup

Drive has not been configured by host device, check communication cables and host device

- F16 No Address

Call Cyberlogix – the internal CPU has failed – Replace Motion Controller

- F99 CPU Fail

Call Cyberlogix – the internal CPU has failed – Replace Motion Controller

check KP KI