

Each error code should have a channel number 0=x axis, 1=y axis, 2=z axis. If 4th axis involved refer to axis.cfg

Error Message	Description	Problem	Possible causes
Servo error stall	The axis in motion has fallen behind the 'ideal' position	The following error of the axis has exceeded the value in axis.cfg file (SRVERR=)	Air bearings not floating correctly Drive belt is loose/ damaged Drive rod not tightened. Incorrect air pressure, air off, estop in Source of drag on the axis
Servo error runaway	The axis in motion has overtaken/over shot the 'ideal' position	The axis has runaway out of control due to drive/mechanical problems	Readhead miscounting Loose belt / motor / housing
Servo error standstill	The axis has unexpectedly moved from the position the motors were holding it at, without input from the joystick.	Machine has reached position but cannot maintain it.	Machine has been physically moved/ pushed/knocked whilst the drives were engaged Motor disengaged / failed Excessive lag / offset on amplifier Z Balance incorrectly set
Servo error position tol	The axis has failed to reach target position	The machine is out of position by more than the POSBAND= in axis.cfg	Air bearings not floating Excessive lag / offset on amp Loose belt Loose drive (housing / motor) Amplifier has tripped
Pos software overtravel	The axis has reached the maximum positive position	The machine has exceeded POSLIMIT= set in axis.cfg	Machine has crept to end of travel due to deadband being too small or joystick worn Someone has driven machine too close to end stops

Error Message	Description	Problem	Possible causes
Neg software overtravel	The axis has reached the maximum negative position	The machine has exceeded NEGLIMIT= set in axis.cfg	Machine has crept to end of travel due to deadband being too small or joystick worn Someone has driven machine too close to end stops
Probe not reset	A probing move has been started with the probe deflected and not seated.	Probe circuit is open. Machine will be in probe protection mode. ie It will only move a small distance at low speed	Module isnt seated correctly Module pins are raised Module magnet has swarf stuck to it Module is broken, taken a large impact or worm out. Move the probe spring
Probe protection invoked	The probe has triggered during a machine move	The probe has touched something it wasn't meant too	Object in the way Probe too long, excess acceleration has triggered the probe
Probe not triggered	The probe did not trigger during a probing move	Probe wont trigger during probing move	Probe failed to touch a surface
Joystick device not detected	The system was unable to find a joystick device.	The USB cable for the joystick has been removed	The driver cant be installed for that particular USB port The cable has been damaged or knocked
Feedback quadrature error	The readhead signal has failed/ lost connection	Readhead has lost signal	Readhead bracket is loose/ damaged Dirty scale / damaged scale Readhead miscounting (Red light) Machine has took a knock Machine bridge isnt sitting correctly on the granite
Mismatched drivers	The software has detected that the current drivers needed arent matching/ are old.	Drivers don't match the current version of software	Incorrect drivers loaded
Emergency stop	The emergency stop has been activated, and cant be reset	Emergency stop is permanantly on	E-stop pushed in E-stop cable is damaged / jammed E-stop connector is damaged / not plugged in Amp has no power
Machine fault	The machine has detected an error in the system.	There is an external machine fault, and the power is off.	Deva amp failure Loose connection on the deva amp