

NextMove - General symbols

The default setting for the main LED display (**LED** mode -1) causes the node ID to be displayed:

Symbol	Description
0	Node = 0 (See also servo loop overrun)
1	Node = 1
2	Node = 2
3	Node = 3
4	Node = 4
5	Node = 5
6	Node = 6
7	Node = 7
8	Node = 8
9	Node = 9
10	Node = 10
11	Node = 11
12	Node = 12
13	Node = 13
14	Node = 14
15	Node = 15
111	Node ID is greater than 15
0.	(Flashing 0 with static decimal point). A servo loop overrun error has occurred. See MISCERROR or Controller warnings .
.	Initialization error. An initialization error has occurred at power on. See Error Log or INITERROR .

NextMove - Axis specific symbols

It is possible to select a specific axis to monitor using the [LED](#) keyword. When an axis has been selected in this way, the following symbols can appear and refer only to the selected axis. (On NextMoveBX[™], the selected axis is indicated by one of the four axis LEDs flashing green.)

Symbol	Description
	Spline. A spline move is being performed. See SPLINE and associated keywords.
	Axis enabled. The axis is enabled.
	Torque mode. The drive is in Torque mode. See TORQUE , TORQUEREFSOURCE and related commands.
	Hold to Analog. The axis is in Hold To Analog mode. See HTA and associated keywords.
	Follow and offset. When an axis is following a demand signal it may be necessary to advance or retard the slave in relation to the master. To do this an offset move is performed in parallel with the follow. See FOLLOW and OFFSET .
	Circle. A circle move is being performed. See CIRCLEA or CIRCLER .
	Cam. A cam profile is being profiled. See CAM .

	General error. See AXISERROR and DRIVEERROR . The motion toolbar will display the current status of AXISERROR , which is a bit pattern of all latched errors. See also Error Log .
	Error input. The ERRORINPUT has been activated and generated an error.
	Flying shear. A flying shear is being profiled. See FLY .
	Position following error. A following error has occurred. See AXISERROR and associated keywords. Following errors could be caused by a badly tuned drive/motor. At higher acceleration and deceleration rates, the following error will typically be greater. Ensure that the drive/motor is adequately tuned to cope with these acceleration rates. The following error limit can be adjusted to suit your application (see FOLERRORFATAL and VELFATAL). Following error could also be the cause of encoder/resolver loss (see FEEDBACKFAULTENABLE).
	Follow mode. The axis is in Follow mode. See FOLLOW .
	Homing. The axis is currently Homing. See HOME .
	Incremental move. An incremental move is being profiled. See INCA and INCR .
	Jog. The axis is Jogging. See JOG and JOGCOMMAND or Jog tool .
	Offset move. The drive is performing an offset move.
	Positional Move. The axis is performing a linear move. See MOVEA and MOVER .
	Stop. A STOP command has been issued or the stop input is active.
	Axis disabled. The axis must be enabled before operation can continue. See the installation manual supplied with your product. Click the Drive enable button.
	Suspend. The SUSPEND command has been issued and is active. Motion will be ramped to zero demand whilst active.
	Reverse software or hardware limit. A reverse software limit has been activated. See AXISERROR and/or AXISSTATUS to determine which applies.
	Forward software or hardware limit. A forward software limit has been activated. See AXISERROR and/or AXISSTATUS to determine which applies.
	Firmware being updated (horizontal bars appear sequentially). New firmware is being downloaded to the controller.
	Initialization error. An initialization error has occurred at power on. See Error Log or INITERROR . Initialization errors should not normally occur.