

## 8: The Denstep Motion Control Board

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### LED Status and Fault Display.

The LED display is mounted on the lefthand side of the denstep motion control board.

Display.	Meaning.
<i>D</i>	No comms board address fault.
	Servo power off.
<i>B</i>	Servo power up and idle.
	Cam profiling.
	Cam table (superscript).
<i>C</i>	Circular interpolation.
	Encoder following mode.
<i>F</i>	Flying shear (static symbol).
<i>H</i>	Homing (datuming).
<i>J</i>	Jogging (velocity) mode.
	Offset mode.
<i>P</i>	Linear positional mode.
	Torque control mode.
<i>S</i>	Stop asserted.
<i>U</i>	Pulse following mode.

Errors are all shown with a flashing dot.

Display.	Meaning.
	External error.
<i>E</i>	Software abort or interpreter error.
<i>F</i>	Maximum servo following error exceeded.
<i>L</i>	Limit switch open.

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