



LEDs

At the top right of the servocontroller there are three status LEDs colored red (H1), yellow (H2) and green (H3).

Device status	Red LED (H1)	Yellow LED (H2)	Green LED (H3)
Power on	○	○	●
Servocontroller ready (ENPO set)	○	●	●
Control enabled	○	*	●
Error	* (flash code)	○	●
Warning (in "ready" condition)	●	●	●
Warning (in "control enabled" condition)	●	*	●

○ LED off, ● LED on, * LED flashing

Table A.2 Meanings of LEDs

Error messages

If an error occurs in operation it is indicated by a flash code from LED H1 (red) on the servocontroller. If a KP200 is connected the KP200 indicates the error type as an abbreviation. When the DRIVEMANAGER is active the error is additionally reported in plain text.

Flash code of red LED H1	Display KEYPAD	Response No.	Explanation	Cause/Remedy
1x	Various messages	0-5	see Table A.2	
2x	E-OFF	1	Undervoltage shut-off	Check power supply. Also occurs briefly in response to normal power-off.
3x	E-OC	3	Current overload shut-off	Short-circuit, ground fault: Check cabling of connections, check motor coil, check neutral conductor and grounding (see also section 3, Installation). Device setup not correct: Check parameters of control loops. Check ramp setting.
4x	E-OV	3	Voltage overload shut-off	Voltage overload from mains: Check mains voltage. Restart device. Voltage overload resulting from feedback from motor (regenerative operation): Slow down braking ramps. If not possible, use a braking resistor.
5x	E-OLM	3	Motor protection shut-off	Motor overloaded (after I x t monitoring): Slow down process cycle rate if possible. Check motor dimensioning.
6x	E-OLI	3	Device protection shut-off	Device overloaded: Check dimensioning. Possibly use a larger device.
7x	E-OTM	3	Motor temperature too high	Motor PTC correctly connected?: Motor PTC evaluation correctly set? Motor overloaded? Allow motor to cool down. Check dimensioning.
8x	E-OTI	3	Overheating in servocontroller	Ambient temperature too high: Improve ventilation in switch cabinet. Load too high during driving/braking: Check dimensioning. Possibly use a braking resistor.

Table A.1 Error messages/flash code