2.5 IOL Ports and LEDs

Hardware manual

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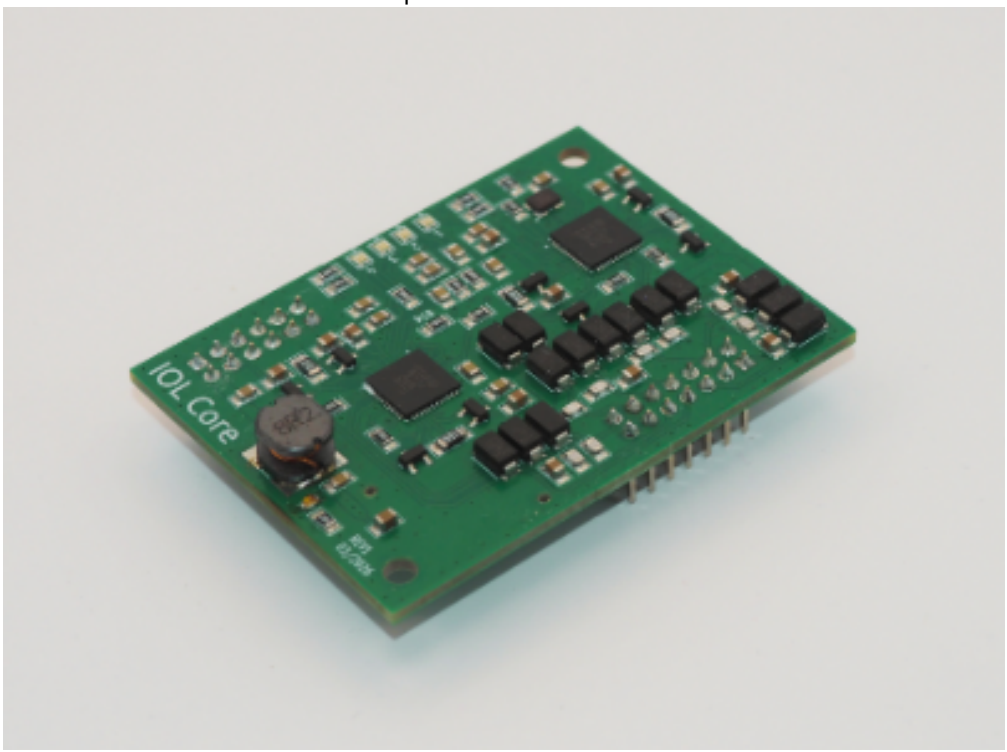
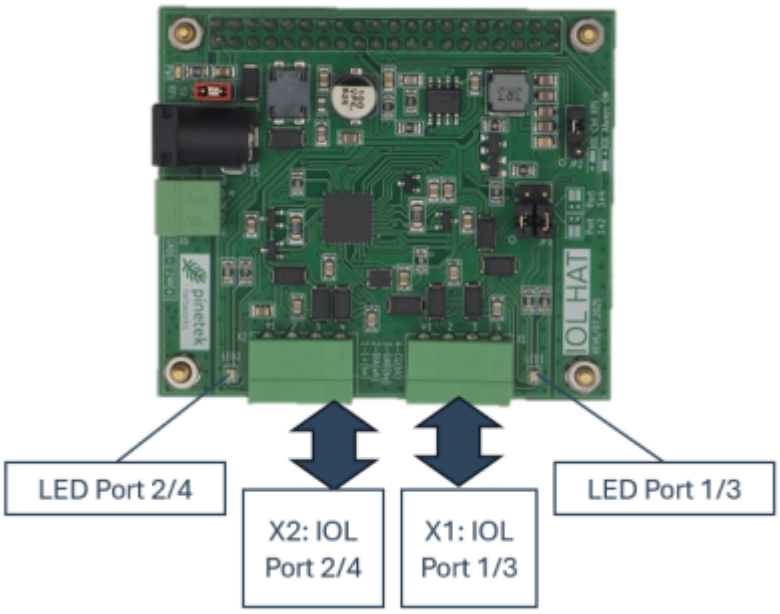


Table of Contents

2.5 IOL Ports and LEDs 5

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Both IOL ports use the same pin-out. For industrial use, the signal lines on the SDCI ports have improved surge immunity. Each port features a bi-color LED for signalization of the operation mode. The typical M12 cable coloring scheme for pre-configured cables is listed.

Pin #	Usage	M12 cable color
1	L+ (24V)	brown
2	DIA (Input/Output line)	white
3	GND	blue
4	CQ (Serial line)	black

The connector is 4pin, 3,5mm MC-type

Each IOL Port is designed to supply max. 500mA on the L+ line and 150mA on the CQ line. The current supply is limited by software (for L+ in connection with a series resistor). If a custom master application is used, the limits must be set in the driver configuration.