

ULTIMET LIGHT MOTION CONTROLLERS

Product Data Sheet

EU-LCP-0-0-1000-00 60014500

PCI motion controller card

FUNCTION PCI motion controller card	FAMILY UltimET light motion controllers	ORIGIN Switzerland	WEIGHT 0.35 kg
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ETEL EU-LCP-0-0-1000-00 60014500 is a PCI motion controller card for the UltimET light motion controllers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Controller Platform	UltimET light PCI
Input Voltage	3.3 V +9%
Power Input	6 W
PCI Compatibility	PCI 2.1 and 2.2
Interpolation Groups	2
Axes Per Group	4 (X, Y, Z, Theta)
Interpolation Types	G-code, PVT, PT, ULM and kinematic transform
Onboard Digital I/O	4 inputs / 4 outputs
External I/O Capacity	16 analog in, 16 analog out, 128 digital in, 128 digital out
TransnET Bus Speed	1 Gbps

ADDITIONAL PRODUCT DATA

TransnET Cycle Time	100 us
Supported Axes	Up to 63
Real-Time OS	Supported
Programming Threads	3 structured-language threads
Master/Slave Exchange	Real-time at 10 kHz

OFFICIAL APPLICATIONS

- Wafer-stage and alignment motion: Precision Motion Systems
- Assembly and inspection machinery: Machine Control Systems
- Coordinated multi-axis equipment: Motion Control Systems

SYSTEM COMPATIBILITY

Match EU-LCP-0-0-1000-00 60014500 to the installed UltimET light motion controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ETEL UltimET light Motion Controllers Technical Data v1.0](#)

Local ETEL manufacturer technical data, dated 22 November 2017

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