CP90305

Industrial automation components

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Manufacturer	Beckhoff
Catalog number	cp90305
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Interface Card
Interface Type	CP-Link over PCI bus
Coaxial Cable Length Support	3 m–100 m meters
Power Consumption	5 V @ 1.0 A, 12 V @ 1.5 A
Power Connectors	ST101, ST401

Description

The Beckhoff CP9030.5 is an interface card designed to connect Beckhoff Control Panels to a PC via the CP-Link system. It enables the transmission of TFT display signals, mouse pad/touch screen inputs, and keyboard inputs over coaxial cables, facilitating long-distance connections between control panels and PCs.

The CP9030.5 card is compatible with PCI slots, offering flexibility in system configurations. It supports multiple CP-Link configurations and coaxial cable lengths ranging from 3 m to 100 m, accommodating various industrial automation setups.

The card is powered by 5 V at 1.0 A and 12 V at 1.5 A, with power connectors ST101 and ST401. It features status LEDs indicating power, transmission (Tx), reception (Rx), error, and operational status, providing real-time monitoring of the system's health.

Additionally, the CP9030.5 card includes an RS232 touchscreen pinout, facilitating seamless integration with touchscreen interfaces. An optional DVI add-on card is available for enhanced display flexibility, allowing for additional video outputs.

This interface card is ideal for applications requiring reliable and long-distance communication between control panels and PCs in industrial environments.

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