6PPT50101E-16B

Industrial automation components

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Manufacturer	B&R
Catalog number	6ppt50101e-16b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Size	10.1 inches
Processor	ARM Cortex-A9 dual-core 800 MHz
Memory	1 GB DRAM, 512 MB flash
Connectivity	2 x Gigabit Ethernet, 2 x USB 2.0 ports
Operating Temperature	0 to 55°C

Description

The B&R 6PPT50.101E-16B is a 10.1-inch Power Panel T50 HMI (Human-Machine Interface) designed for industrial automation applications. Manufactured by B&R Industrial Automation, this device features a TFT color display with a resolution of 1280 x 800 pixels, providing clear and detailed visuals.

The multi-touch projected capacitive touch screen ensures responsive and intuitive user interaction. Powered by an ARM Cortex-A9 dual-core processor running at 800 MHz, it offers robust performance for demanding tasks.

The system is equipped with 1 GB of DRAM and 512 MB of flash memory, supporting efficient operation and data storage. Connectivity options include two Gigabit Ethernet ports (10/100/1000 Mbit/s) with an integrated switch, facilitating high-speed communication.

Additionally, it provides two USB 2.0 ports for peripheral connections. The device operates within a temperature range of 0 to 55°C and can withstand humidity levels up to 100%, making it suitable for various industrial environments.

Its passive cooling system ensures reliable performance without the need for active cooling components. The B&R 6PPT50.101E-16B is CE and UL certified, meeting international safety and quality standards.

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Its compact design and versatile features make it an ideal choice for industrial automation applications requiring a reliable and user-friendly interface.

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