CECC-X-M1

Industrial automation components

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Manufacturer	Festo
Catalog number	cecc-x-m1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Compact PLC
Communication Protocols	PROFINET, EtherNet/IP
Digital Inputs	22 inputs
Digital Outputs	16 outputs
Analog Inputs	4 inputs

Description

The Festo CECC-X-M1 is a compact programmable logic controller (PLC) designed for industrial automation applications. It offers extensive PLC functions and multi-axis applications with interpolation, making it suitable for tasks such as parts handling, assembly technology, palletizing, and gluing and dosing. The controller features integrated machine vision functionality, facilitating the combination of motion and vision in automation processes. It supports PROFINET and EtherNet/IP communication protocols, ensuring seamless integration into existing host systems. The CECC-X-M1 is equipped with two Gigabit LAN interfaces, two USB 3.0 interfaces for machine vision and mass storage, and multiple serial interfaces, including RS-232 and RS-485. It also provides 22 digital inputs, 16 digital outputs, and 4 analog inputs, offering versatile connectivity options for various industrial applications. The controller operates within a voltage range of 19.2 to 30 V DC and has a current consumption of 200 mA at 24 V DC. It is housed in an IP20 enclosure, suitable for industrial environments. The CECC-X-M1 is compatible with Festo's GSBE-R1 positioning CNC robotics system, enabling precise control in robotic applications. For detailed technical specifications and integration guidelines, refer to the Festo Positioning CNC Robotics GSBE-R datasheet.

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