The modular controller CECX adds fieldbus master functionalities and electrical control options to the control family. With Profibus, CANopen, Ethernet and programming per IEC 61131-3, nothing more can impede the control of intelligent field bus devices.

**Economical**
The modular structure offers exactly suitable solutions for all requirements. Compact assembly, easy handling and mounting on H-rails inclusive. Full compatibility with all Festo products and other manufacturers.

**Control of electric drives**
Very easy commissioning, programming and service: For the control of all electric drives with CANopen fieldbus connection, the CoDeSys software supplies a powerful programming environment with the SoftMotion module. Also available: Libraries of modules, configuration tools and drivers.

**Flexible**
Thanks to programming per standard IEC 61131-3, the CECX is flexible and open for all types of control tasks. Numerous communication assemblies (Profibus, CANopen, Ethernet) guarantee compatibility with other systems.

**Reliable**
Certified per CE, UL/CSA, produced on the basis of worldwide experience in front-end automation, use of standard hardware and standard software CoDeSys.
Modular controller CECX
for electric and pneumatic drives

Range of applications
Automation of machines and systems. The focus is on the use as a motion controller for electrical drive systems.

Activation
of Festo electrical axes via CANopen interface
- CMMP-AS
- CMMS-AS (ST)
- SFC-DC (LAC)
- MTR-DCI
- and others

Product characteristics
- 2 product designs
  - Modular master controller with CoDeSys
  - Motion controller with CoDeSys and SoftMotion
- Simple configuration
- Automatic sub-assembly identification

Module selection

CPU
- Power PC 400 MHz
- Ethernet
- CAN bus
- RS 485
- USB
- Removable storage CF card
- Card slots for option modules

Option modules
- Ethernet interface
- CAN bus interface
- Serial interface RS232
- Serial interface RS485/422

Input/output modules
- Digital modules
- Analogue modules for current and voltage
- Temperature input modules (PT 100, NiCrNi, FeCuNi)
- Counter modules (encoder, SSI)

Communication
- Profibus master DP V1
- Profibus slave DP V1
- Serial interface module (2x RS232)

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