# Flexem Flexem □□ Series Service Manual

FL8-E4-D

## 1. Description

Flexem CPU Module

## 3. Product Information

Flexem CPU Module

FL8 motion control PLC, with built-in 2 Ethernet ports and 1 EtherCAT port, 4-axis EtherCAT; 8-point digital input & 8-point NPN digital output

FEATURES FL8-E4-D

CPU 4-core 1GHz

Internal Memory 1GB

Hard Disk 4GB

EtherCAT Axis 4 axis EtherCAT + pulse axis

Pulse Output 6*200KHz pulse output

Left-side Expansion Card Left-side expansion supported (4G Cat1 or WiFi wireless, serial port)

Ethernet 2*100M

EtherCAT Supported (1*main, maximum of 72*sub)

Serial Communication 2*RS485

CAN Communication 1 channel CAN

Program Capacity 32M

User Data Space 128M

Data Capacity I:128KBytes/Q128KBytes/M:512KBytes/Retain:800KBytes/Other variables:unlimted

Other Interfaces U disk(Type-C)program download,data storage

Other Capabilities Support electronic CAM,electronic gea

Pulse Input 7*200KHz Pulse input

IO Integrated 8*input(NPN/PNP compatible),8*output (NPN)

Right-side Expansion Max.31

Programming Language IL, LD, ST, SFC, CFC, FBD

Power DC24V±20%

Protocol EtherCAT, Modbus-TCP, Canopen, Modbus-RTU, OPC UA

RTC Built in

www.autronexa.com