



X45 motors with embedded controller

The smart network interface for X45 with embedded controller allows two-way communication between drives as well as function units. The embedded controller and the increased number of network inputs and outputs give an increased number of possibilities for local decision making.

Motors with embedded controllers reduce the need for a PLC as well as programming in favor of easy configuration in the parameter setting tool.

The network interface transmits constant communication and offers the possibility for data collection as well as predictive maintenance. It is a strong addition to the X45 puck handling functions and production lines with speed control.

The smart interface is a part of FlexLink's standardized controls system, creating smarter and more autonomous production lines.

BENEFITS

- Easy to add to existing X45C and X45e installations
- Increasing the line autonomy by enabling local decisions - reducing the need for PLC
- Reduced energy consumption - 24 V motors and no unnecessary running time
- Flexible and modular - extensive connection possibilities
- Less programming needed - easy parameter setting in intuitive software

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Technical specification

- Interfaces
 - 2 x M12 standard Ethernet connectors for EtherNet/IP or Profinet
 - 4 x M12 connectors, 2 digital in possibilities and 1 digital out on each connector
 - Standard mini-usb connector for easy PC connection
- Status LED-lights that are visible from both front and side
- Upgraded processor and EEPROM
- Variable speed of 5-20m/min



The X45 is a slim plug-and-play conveyor platform for small products. It includes the light weight system X45C, the high capacity system X45H and the puck handling system X45e.

Parameter setting tool for X45

Complementing the platform, the FlexLink parameter setting tool for motors with embedded controller significantly reduces the amount of programming. Instead, the smart motor interface allows you to configure the needed changes quick and easy within the parameter setting tool. This enables you to adjust parameters according to the behavior of the units, as well as perform diagnose actions.



PARAMETER SETTING TOOL

