

Support Your Digitalization with a Cost-Competitive and Easy-to-Use Controller

Designed by Mitsubishi Electric Factory Automation Systems specifically to support businesses on their digital transformation journey, the new cost-effective and easy-to-use MELSEC FX5S PLC controller offers an ideal solution for simple and straightforward applications in sectors such as food and beverage, water, and processing. As the latest member of the MELSEC iQ-F series of compact, high-performance PLCs, FX5S delivers Industrial Internet of Things (IIoT) functionality for entry-level yet effective industrial automation applications

easy to configure and operate, FX5S simplifies deployment and enables users to complete installations quickly. This intuitive system also provides the high-speed performance required for precise positioning applications. End users and machine builders can leverage the Mitsubishi Electric FX5S solution to develop and implement cost-efficient machines with up to 60 I/O points. By supporting IIoT connectivity and functionality, the solution helps reduce the investment costs required to digitalize basic operations and take the first steps toward building future-ready smart factories.

From an IIoT perspective, the FX5S solution offers data logging and data stream analysis functions to accelerate and improve troubleshooting and root cause analysis. As the PLC features a built-in web server, operators can access these functions remotely and monitor operations at any time—further enhancing responsiveness and flexibility.

Thanks to its compatibility with CC-Link IE Field Basic, an open industrial Ethernet technology, the FX5S controller can be easily connected to other factory automation devices such as HMIs, drives, and remote I/O. This capability simplifies the creation of interconnected production layers while ensuring reliable communication.

For more detailed information about the Mitsubishi Electric FX5S, a compact yet highly capable controller designed to support companies in advancing their digitalization journeys, please visit:

👉 <https://youtu.be/mIzmHlCqPec>