

FACTORY AUTOMATION



Toward smart factory



Open network and functional safety functions in a compact size

Easy introduction of IoT with FR-E800-E and FR-E800-SCE

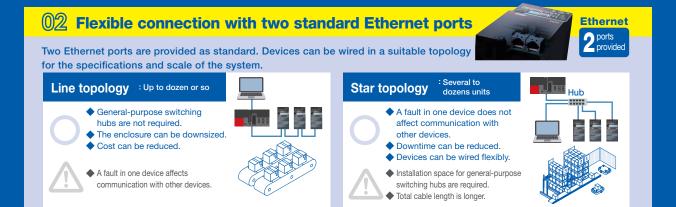
Supporting setup

Scan the QR code on the product to directly access the setup information.



FR-E800-SCE FR-E800-E FR-E800-SCE

Increased network flexibility with multi-protocol support Multiprotocols Multi-protocol support enables switching between various types of communication networks. Protocols of global industrial Ethernet networks are supported by the inverter alone. The inverter supports versatile applications and facilitates maintenance and technical support. Selectable protocols differ depending on the group. CC-Línk IE TSN EtherNet/IP CC-Link IE TSN, CC-Link IE Field Network Basic, CC-Línk IE Bield Protocol group A MODBUS/TCP, EtherNet/IP, BACnet/IP PROFO 的自由的 CC-Link IE TSN, CC-Link IE Field Network Basic, Ether CAT. Protocol group B MODBUS/TCP, PROFINET MODBUS/TCP **BACnet/IP** Protocol group C EtherCAT



Easy settings with the engineering software Settings for the programmable controller and inverters can be configured using the engineering software. FR Configurator2 Settings for inverters Settings for the programmable controller 1 Set inverter parameters (such as IP addresses). 2 Register the profile (CSP+ file) of the FR-E800 in GX Work3. Download the profile Setting on the inverter's operation panel is also available. 3 Configure settings such as the IP Hz -EXT -PRN address of the master. A Detect the connected devices and configure settings in the network configuration settings of the master. Set the communication cycle and communication speed of the master. 6 Write the settings to the programmable controller. ■ Related inverter parameters* **CC-Link IE TSN** CC-Link IE Field Network Basic **PROFINET** Pr.1429 Ethernet function selection 3 45238 (initial value) Assigned by the master or ecified by the parameter settings Pr.1434 to Pr.1437 IP address 1 to 4 (Ethernet) 192.168.50.1 (initial value) 192.168.50.1 (initial value) 192.168.50.1 (initial value)

*: For the parameter details, refer to the FR-E800 Instruction Manual (Communication).

Download the app

Checking inverter operation with the app

Setting not required

Set the IP address of the

Setting not required

An operator in a remote office can access inverters using the mobile app installed in a mobile device. Setting or changing of parameters, starting and stopping, and monitoring on the screen of mobile devices are available.

Pr.1449 to Pr.1452 Ethernet command source selection IP address 1 to 4



Set the IP address of the

Caution

To maintain the security of the inverter and the system against computer viruses and other cyberattacks, take appropriate measures such as firewalls, virtual private networks (VPNs), and antivirus solutions.

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EtherNet/IP is a trademark or registered trademark of ODVA, Inc.

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