

10014/F/F

Dual RS-232 Communication Module

Honeywell 10014/F/F is a Fail Safe Controller communication module with two tri-state RS-232 interfaces. It exchanges serial data between the FSC Central Part and connected equipment.

PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
Fail Safe Controller

PART
10014/F/F

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10014/F/F

PRODUCT OVERVIEW

Honeywell 10014/F/F is a Fail Safe Controller communication module with two tri-state RS-232 interfaces. It exchanges serial data between the FSC Central Part and connected equipment.

1

Provides two serial communication channels

2

Uses tri-state RS-232 interfaces

3

Links the FSC Central Part to external serial equipment

4

Stores communication-module firmware in flash memory

SYSTEM COMPONENTS

FSC Central Part

Two RS-232 serial cables

Configured peer devices

FSC communication application

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
10014/H/F	FSC communication module	Open product page
10002/1/2	FSC control and I/O system module	Open product page
10005/1/1	FSC system module	Open product page
10012/1/2	FSC system interface module	Open product page

TECHNICAL DATA

PARAMETER	VALUE
Interface channels	2
Electrical interface	RS-232

PARAMETER	VALUE
Output state	Tri-state
Program storage	FLASH

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10012/1/2	FSC system interface module	Open product page

TECHNICAL NOTE

Record both port assignments and serial settings, isolate connected equipment and verify controlled receive/transmit operation on each channel after installation.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Safety-system serial gateways

Provides two serial communication channels

Package-unit data exchange

Uses tri-state RS-232 interfaces

FSC maintenance communication

Links the FSC Central Part to external serial equipment

Legacy serial-device integration

Stores communication-module firmware in flash memory

PRODUCT PRECAUTIONS

- 1 Verify the complete 10014/F/F marking and its assigned Fail Safe Controller position before work.
- 2 Isolate the energy associated with FSC Central Part before disconnecting 10014/F/F.
- 3 Protect the 10014/F/F connectors and electronic assembly using approved ESD controls.
- 4 Record the as-found Two RS-232 serial cables connections and configured assignment before replacement.
- 5 Confirm Configured peer devices matches the approved installation record for 10014/F/F.
- 6 Restore 10014/F/F under controlled conditions and review its model-specific diagnostics.
- 7 Complete a documented functional test for safety-system serial gateways before release.

ENGINEER FAQ

Q1 What evidence should be retained after 10014/F/F returns to service?

Retain the full model identity, as-left connections, configuration, diagnostic result and the final controlled test record for safety-system serial gateways.

Q2 How is 10014/F/F identified before installation in a Fail Safe Controller cabinet?

Match the full 10014/F/F marking and part number 10014/F/F to the assigned position and installed FSC Central Part.

Q3 Which companion hardware must be checked when replacing 10014/F/F?

Verify FSC Central Part, Two RS-232 serial cables and Configured peer devices against the approved cabinet and project record before fitting the Dual RS-232 Communication Module.

Q4 What wiring information should be recorded before removing 10014/F/F?

Record terminal identifiers, polarity or phase, shields, cable tags and the as-found channel or port assignment for 10014/F/F.

Q5 How should engineers validate 10014/F/F after configuration?

Restore the documented Fail Safe Controller assignment, review diagnostics and run a controlled test of its role: provides two serial communication channels.

Q6 Can 10014/F/F be moved to a different slot or duty without review?

No. Confirm keying, companion hardware and the approved configuration before assigning 10014/F/F to another position or function.

Q7 Which technical value is especially important during 10014/F/F commissioning?

Verify Program storage is FLASH and use the named manufacturer procedure for the controlled functional test.

Q8 What should be checked if 10014/F/F does not support package-unit data exchange after installation?

Check seating, Two RS-232 serial cables, Configured peer devices, field energy and the model-specific diagnostics before replacing additional hardware.