

INDUSTRIAL AUTOMATION PRODUCT

10014/H/I

RS-422/RS-485 Communication Module

Honeywell 10014/H/I is an FSC communication module for RS-422 and RS-485 networks. It provides the balanced serial interface between the Fail Safe Controller Central Part and external equipment.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Fail Safe Controller
Part number	10014/H/I
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Electrical interface	RS-422; RS-485
System interface	FSC Central Part
Program storage	FLASH

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	FSC Central Part
Companion hardware	Shielded RS-422 or RS-485 cable
Field connection	Configured serial peer
Primary system function	Interfaces the FSC Central Part to balanced serial networks
Controlled acceptance duty	Multidrop safety-system integration

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System Role and Architecture

Honeywell 10014/H/I is an FSC communication module for RS-422 and RS-485 networks. It provides the balanced serial interface between the Fail Safe Controller Central Part and external equipment.

FUNCTION 1

Interfaces the FSC Central Part to balanced serial networks

FUNCTION 2

Supports RS-422 and RS-485 physical layers

FUNCTION 3

Carries configured process communication telegrams

FUNCTION 4

Uses flash-based communication firmware

Matched system components

- FSC Central Part
- Shielded RS-422 or RS-485 cable
- Configured serial peer
- Termination and bias network

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	FSC Central Part
Companion hardware	Shielded RS-422 or RS-485 cable
Field connection	Configured serial peer
Primary system function	Interfaces the FSC Central Part to balanced serial networks
Controlled acceptance duty	Multidrop safety-system integration

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Applications and Engineering Context

Multidrop safety-system integration

Interfaces the FSC Central Part to balanced serial networks

Long-distance package communication

Supports RS-422 and RS-485 physical layers

Balanced serial gateway links

Carries configured process communication telegrams

FSC network migration

Uses flash-based communication firmware

TECHNICAL NOTE

Preserve polarity, shield treatment and termination locations, match every serial setting and verify read-only traffic before enabling control writes.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	10014/H/I / 10014/H/I recorded
Physical interface	FSC Central Part
Companion check	Shielded RS-422 or RS-485 cable
Functional proof	Interfaces the FSC Central Part to balanced serial networks
Application test	Multidrop safety-system integration

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Engineering Precautions

1

Verify the complete 10014/H/I marking and its assigned Fail Safe Controller position before work.

2

Isolate the energy associated with FSC Central Part before disconnecting 10014/H/I.

3

Protect the 10014/H/I connectors and electronic assembly using approved ESD controls.

4

Record the as-found Shielded RS-422 or RS-485 cable connections and configured assignment before replacement.

5

Confirm Configured serial peer matches the approved installation record for 10014/H/I.

6

Restore 10014/H/I under controlled conditions and review its model-specific diagnostics.

7

Complete a documented functional test for multidrop safety-system integration before release.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
10014/F/F	FSC dual RS-232 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

MANUFACTURER SOURCE RECORD

Honeywell Fail Safe Controller Hardware Manual
FS02500

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