

INDUSTRIAL AUTOMATION PRODUCT

10020/1/2

Conformally Coated Quad Processor Module

Honeywell 10020/1/2 is a conformally coated Quad Processor Module for a Fail Safe Controller. It executes the FSC safety application within the central controller node.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Fail Safe Controller
Part number	10020/1/2
Country	USA
HS code	8537101190

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Processor arrangement	Quad
Board coating	Conformal
Node family	FSC

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System Role and Architecture

Honeywell 10020/1/2 is a conformally coated Quad Processor Module for a Fail Safe Controller. It executes the FSC safety application within the central controller node.

FUNCTION 1

Executes the FSC processor functions

FUNCTION 2

Uses a quad-processor architecture

FUNCTION 3

Operates in the central FSC node

FUNCTION 4

Supports safety application execution

Matched system components

- FSC central part
- FSC system bus
- Diagnostic and battery module
- Safety application database

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Applications and Engineering Context

Emergency shutdown logic

Executes the FSC processor functions

Burner management processing

Uses a quad-processor architecture

Fire-and-gas safety control

Operates in the central FSC node

FSC processor maintenance

Supports safety application execution

TECHNICAL NOTE

Secure the process in the approved maintenance state, preserve the application and node configuration, and validate all processor diagnostics before release.

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Engineering Precautions

1

Verify the complete 10020/1/2 marking and the assigned Fail Safe Controller position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 10020/1/2.

3

Use ESD controls and protect the keyed connectors of 10020/1/2 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm FSC central part and FSC system bus against the approved system configuration.

6

Restore 10020/1/2 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for emergency shutdown logic before production release.

MANUFACTURER SOURCE RECORD

Honeywell System HINTS September 2022

FSC node parts list

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