

INDUSTRIAL AUTOMATION PRODUCT

10018/E/1

Conformally Coated FSC PlantScape Ethernet Connection Module

Honeywell 10018/E/1 is a conformally coated FSC PlantScape Ethernet connection module. It provides one Ethernet communication path between a Fail Safe Controller and the supervisory system.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Fail Safe Controller
Part number	10018/E/1
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
Network function	PlantScape Ethernet connection
Ethernet connections	1
Board coating	Conformal
Node family	FSC

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System Role and Architecture

Honeywell 10018/E/1 is a conformally coated FSC PlantScape Ethernet connection module. It provides one Ethernet communication path between a Fail Safe Controller and the supervisory system.

FUNCTION 1

Connects an FSC node to PlantScape Ethernet

FUNCTION 2

Provides an Ethernet communication path

FUNCTION 3

Transfers safety-system status to the host

FUNCTION 4

Uses conformally coated hardware

Matched system components

- FSC node
- PlantScape host
- Ethernet network
- FSC communication configuration

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Applications and Engineering Context

FSC supervisory communication

Connects an FSC node to PlantScape Ethernet

Safety alarm transfer

Provides an Ethernet communication path

PlantScape integration

Transfers safety-system status to the host

Ethernet interface maintenance

Uses conformally coated hardware

TECHNICAL NOTE

Record the configured network address and host relationship, isolate the interface and verify communications without changing the safety application.

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Engineering Precautions

1

Verify the complete 10018/E/1 marking and the assigned Fail Safe Controller position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 10018/E/1.

3

Use ESD controls and protect the keyed connectors of 10018/E/1 during handling.

4

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

5

Confirm FSC node and PlantScape host against the approved system configuration.

6

Restore 10018/E/1 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for fsc supervisory communication before production release.

MANUFACTURER SOURCE RECORD

Honeywell System HINTS September 2022

FSC node parts list

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