# CC-PFB802 51454953-176

Honeywell CC-PFB802 51454953-176 is an eight-segment FOUNDATION Fieldbus Interface Module for Experion PKS controller architectures. Honeywell documentation identifies the FIM8 with H1 networks and controller configurations that include C200, C200E and C300.

**01**

Eight FOUNDATION Fieldbus H1 segment interfaces

**02**

Experion PKS controller integration

**03**

Successor to the earlier CC-PFB801 FIM8 hardware

**04**

Controller capacity accounting as eight I/O units

**H1 devices**

Eight documented Fieldbus segments

**CC-PFB802 FIM8**

Segment interface and controller integration

**Experion controller**

C200, C200E or C300 strategy

**APPLICATION BOUNDARY**

Confirm the complete CC-PFB802 51454953-176 identity, Experion release, controller architecture, H1 segment design and approved Fieldbus configuration before replacement or commissioning.

# CC-PFB802 51454953-176

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|---|---|
| **Honeywell module name** | FIM8 |
| **Primary part number** | CC-PFB802 |
| **User-supplied complete identity** | CC-PFB802 51454953-176 |
| **Interface** | FOUNDATION Fieldbus H1 |
| **Segment count** | 8 |

| | |
|---|---|
| **C300 capacity value** | 8 I/O units |
| **Documented controller contexts** | C200, C200E and C300 |
| **Supersedes** | CC-PFB801 FIM8 |
| **Engineering objects** | Fieldbus devices, points, function blocks and control strategies |
| **Release requirement** | Verify the installed Experion release and migration record |

### CONFIGURATION CHECK

Honeywell System HINTS identifies CC-PFB802 as the released FIM8 replacement for CC-PFB801. Honeywell training material covers FIM8 operation with H1 networks in C200, C200E and C300 configurations, while the C300 capacity table accounts for FIM8 as eight I/O units.

# CC-PFB802 51454953-176

### EXPERION FIELDBUS INTEGRATION

Connect approved FOUNDATION Fieldbus H1 segments to the configured Experion controller architecture.

### MULTI-SEGMENT FIELD NETWORK

Organize field devices across eight documented H1 segment interfaces.

### C300 CONTROL STRATEGY

Use the FIM8 within the verified C300 capacity and loaded control-strategy design.

### FIM8 MIGRATION

Replace earlier CC-PFB801 hardware only after the release, segment and project migration records are verified.

### STATION INTEGRATION

Preserve the complete module identity and cabinet assignment, then document each H1 segment, connected device, function block, control strategy and controller resource allocation. Replacement work must also verify the applicable Experion release, hardware migration requirements and the downloaded Fieldbus configuration before returning loops to service.

# CC-PFB802 51454953-176

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|---|---|
| **What is Honeywell CC-PFB802?** | Honeywell identifies CC-PFB802 as the FIM8, an eight-segment FOUNDATION Fieldbus interface module. |
| **How many H1 segments does the FIM8 provide?** | The FIM8 designation and Honeywell documentation identify eight FOUNDATION Fieldbus segments. |
| **Which earlier FIM8 hardware does CC-PFB802 replace?** | Honeywell released CC-PFB802 as the replacement for the earlier CC-PFB801 FIM8. |
| **How is FIM8 counted in the C300 capacity table?** | Honeywell's C300 controller-capacity table assigns eight I/O units to a FIM8. |
| **Which controller configurations are covered in Honeywell FIM8 training?** | Honeywell training material covers FIM8 and H1 network configuration with C200, C200E and C300 controller architectures. |
| **What must be preserved during a module replacement?** | Preserve the cabinet assignment, H1 segment map, devices, Fieldbus points, function blocks, control strategies and approved controller resource allocation. |
| **Why must the Experion release be verified before substituting older FIM8 hardware?** | Honeywell distinguishes the released CC-PFB802 replacement from earlier CC-PFB801 hardware and notes release-related limits for older parts, so the installed release and migration record are part of the acceptance boundary. |

# CC-PFB802 51454953-176

### STEP 1

Record the complete CC-PFB802 51454953-176 identity before removal.

### STEP 2

Verify the installed Experion release and approved controller architecture.

### STEP 3

Back up the controller and Fieldbus configuration before replacement.

### STEP 4

Map all eight H1 segments and their connected field devices.

### STEP 5

Preserve Fieldbus points, function blocks and control-strategy assignments.

### STEP 6

Check controller capacity accounting for the eight FIM8 I/O units.

### STEP 7

Load the approved configuration and verify segment communication.

### STEP 8

Test affected loops and record final diagnostics before release.

# CC-PFB802 51454953-176

### MANUFACTURER SOURCE

Honeywell System HINTS, January 2019; Honeywell Experion PKS C300 Controller Capacity; Honeywell EXP-24 Controller Fieldbus Configuration Implementation course; exact CC-PFB802/FIM8 references

## Related Honeywell catalog pages

Browse related automation products. These links do not establish interchangeability.

| | |
|---|---|
| **Honeywell 8C-TAOXA1 51307135-175** | View Honeywell 8C-TAOXA1 51307135-175 |
| **Honeywell 8C-TAIMA1 51307171-175** | View Honeywell 8C-TAIMA1 51307171-175 |
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CC-PFB802 51454953-176