

INDUSTRIAL AUTOMATION PRODUCT

CC-PAON01

Non-HART Analog Output Module

Honeywell CC-PAON01 is a 16-channel non-HART analog-output module that generates 4-20 mA control signals for field actuators.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion Series C I/O
Part number	51410070-176
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



CC-PAON01

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Output channels	16
Output signal	4 to 20 mA
Communication	Non-HART
Conversion	16-bit
Module type	Analog output

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System Role and Architecture

Honeywell CC-PAON01 is a 16-channel non-HART analog-output module that generates 4-20 mA control signals for field actuators.

FUNCTION 1

Generates sixteen analog control outputs

FUNCTION 2

Drives standard current-loop final elements

FUNCTION 3

Reports channel diagnostics

FUNCTION 4

Interfaces with the matched Series C IOTA

Matched system components

- Matched analog-output IOTA
- Series C carrier
- 4-20 mA field loops
- Controller output database

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Applications and Engineering Context

Control-valve positioning

Generates sixteen analog control outputs

Variable-speed drive references

Drives standard current-loop final elements

Damper command loops

Reports channel diagnostics

Chemical dosing setpoints

Interfaces with the matched Series C IOTA

TECHNICAL NOTE

Place final elements in a controlled state, verify loop polarity and prove output direction at a low-risk command value.

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Engineering Precautions

1

Verify the complete CC-PAON01 marking and its assigned Experion Series C I/O position before work.

2

Isolate the applicable power and field energy before disconnecting CC-PAON01.

3

Protect CC-PAON01 connectors and electronic assemblies with approved ESD controls.

4

Record the installed wiring, channel assignment and configuration before replacement.

5

Match Matched analog-output IOTA and Series C carrier to the documented system arrangement.

6

Commission CC-PAON01 with controlled status, signal and diagnostic checks.

7

Retain the final control-valve positioning functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell Series C I/O Specification

EP03-490-520 V10

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