Honeywell CC-PAON01 51410070-176

Non-HART Analog Output / Product dashboard

This consolidated record keeps Honeywell CC-PAON01 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY

Honeywell CC-PAON01 51410070-176

PRODUCT ROLE

Non-HART Analog Output

PLATFORM

Experion Series C I/O

CONTROL BASIS

Exact evidence plus installed-system record

Published model	CC-PAON01
Supplied identifier	51410070-176
Output type	4-20 mA constant current
Output channels	16
Communication	Non-HART
Resolution	16-bit

The dashboard places CC-PAON01 51410070-176 identity, operating role and maintenance boundaries in one review surface for the Experion Series C I/O installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Honeywell CC-PAON01 51410070-176

Non-HART Analog Output / Technical matrix

Published model	CC-PAON01
Supplied identifier	51410070-176
Output type	4-20 mA constant current
Output channels	16
Communication	Non-HART
Resolution	16-bit
Accuracy	±0.05% full scale
Output temperature drift	0.005% full scale/°C
IOTA options	CC-TAON01 non-redundant; CC-TAON11 redundant
Safe-state behavior	Configurable per channel
Open-wire diagnostic	Channel soft-failure indication
Isolation	Galvanic isolation from controller electronics

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Honeywell Series C I/O Specification

REVISION NOTE

EP03-490-520 Version 1.5

Honeywell CC-PAON01 51410070-176

Non-HART Analog Output / Application architecture

Conventional valve positioning

Supplies 4-20 mA commands to non-HART valve positioners.

Drive speed references

Provides supervised current references to approved variable-speed drives.

Damper and actuator control

Commands standard current-loop final elements without HART communication.

Process setpoint output

Delivers controller-generated analog setpoints to indicating or recording devices.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Experion Series C I/O context, CC-PAON01 51410070-176 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Honeywell CC-PAON01 51410070-176

Non-HART Analog Output / Risk and decision register

PRIMARY RISK

A mismatch between the CC-PAON01 51410070-176 label and the installed non-hart analog output record.

CONFIGURATION RISK

Loss of the CC-PAON01 51410070-176 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Experion Series C I/O item as automatically equivalent to CC-PAON01 51410070-176.

RELEASE RISK

Returning CC-PAON01 51410070-176 to control before diagnostics and functional response are witnessed.

Decision register

How many non-HART analog outputs are provided by CC-PAON01 51410070-176?

Honeywell specifies sixteen 4-20 mA output channels for CC-PAON01.

What output accuracy is published for CC-PAON01 51410070-176?

The Series C specification lists accuracy of ±0.05% of full scale.

Can the safe state be selected independently on CC-PAON01 51410070-176?

Yes. Safe-state behavior is configurable on a per-channel basis.

What should be recorded before disconnecting CC-PAON01 51410070-176?

Record channel mapping, commanded value, safe value, loop polarity, load and the as-found diagnostic state.

Which IOTA models are paired with CC-PAON01 51410070-176?

CC-TAON01 is the non-redundant IOTA and CC-TAON11 is the redundant IOTA for this module.

How is a field-open condition reported by CC-PAON01 51410070-176?

An open field wire is annunciated as a channel soft-failure indication.

Why must the -176 suffix be checked on the actual label of CC-PAON01 51410070-176?

The official functional specification confirms CC-PAON01, but the located document does not define the -176 suffix association.

Which test completes commissioning of CC-PAON01 51410070-176?

Verify measured loop current and final-element response at controlled low, mid and high commands, then review diagnostics.

Decision closeout

Approve the CC-PAON01 51410070-176 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

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Non-HART Analog Output / Canonical record and support

Canonical identity	Honeywell CC-PAON01 51410070-176
Product name	Non-HART Analog Output
Family	Experion Series C I/O
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Honeywell TC-IDA161 Sixteen-Point 120 Vac Digital Input Module	View Honeywell TC-IDA161 Sixteen-Point 120 Vac Digital Input Module page
Honeywell TC-HAO081 Eight-Point HART Analog Output Module	View Honeywell TC-HAO081 Eight-Point HART Analog Output Module page

MANUFACTURER EVIDENCE RECORD

Honeywell Series C I/O Specification

EP03-490-520 Version 1.5

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Send the exact model, quantity, destination and requested condition for a quotation.