

Honeywell CC-PAOH01

HART Analog Output / Product dashboard

This consolidated record keeps Honeywell CC-PAOH01 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY
Honeywell CC-PAOH01

PRODUCT ROLE
HART Analog Output

PLATFORM
Experion Series C I/O

CONTROL BASIS
Exact evidence plus installed-system record

Exact model	CC-PAOH01
Spare part number	51405039-176
Output channels	16
Output type	4-20 mA
Communication	HART
Conversion	16-bit

The dashboard places CC-PAOH01 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-PAOH01

HART Analog Output / Technical matrix

Exact model	CC-PAOH01
Spare part number	51405039-176
Output channels	16
Output type	4-20 mA
Communication	HART
Conversion	16-bit
IOTA options	CC-TAOX01; CC-TAOX11; CC-GAOX11; CC-GAOX21
Redundancy	Optional
Diagnostics	Output readback and channel soft failures
Open-wire behavior	Channel soft failure indication

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-PAOH01

HART Analog Output / Application architecture

Smart valve positioners

Commands valve position and supports HART device review.

HART actuator diagnostics

Uses digital communication without interrupting the analog control loop.

Drive reference loops

Provides controlled current references where HART output is specified.

Redundant analog control

Uses the documented IOTA and module arrangement for availability.

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-PAOH01 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Honeywell CC-PAOH01

HART Analog Output / Risk and decision register

PRIMARY RISK

A mismatch between the CC-PAOH01 label and the installed hart analog output record.

CONFIGURATION RISK

Loss of the CC-PAOH01 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Experion Series C I/O item as automatically equivalent to CC-PAOH01.

RELEASE RISK

Returning CC-PAOH01 to control before diagnostics and functional response are witnessed.

Decision register

CC-PAOH01 51405039-176: how many HART output channels are provided?

The module provides 16 high-level analog-output channels.

CC-PAOH01 51405039-176: which IOTA models are listed?

Honeywell lists CC-TAOX01, CC-TAOX11, CC-GAOX11 and CC-GAOX21 according to redundancy and isolation needs.

CC-PAOH01 51405039-176: what indicates an open field wire?

The design reports an open-wire condition as a channel soft failure.

CC-PAOH01 51405039-176: how is output direction proved?

Drive approved low, middle and high command values while observing loop current and final-element travel.

CC-PAOH01 51405039-176: what analog signal is generated?

The published output type is 4-20 mA.

CC-PAOH01 51405039-176: does it support module redundancy?

Yes. The Series C specification lists optional redundancy with the applicable IOTA arrangement.

CC-PAOH01 51405039-176: what must be recorded before replacement?

Record loop tag, polarity, configured range, safe value, HART device identity and as-found output.

CC-PAOH01 51405039-176: what completes commissioning?

Confirm analog accuracy, safe-state behavior, HART access, diagnostics and the intended final-element response.

Decision closeout

Approve the CC-PAOH01 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Honeywell CC-PAOH01

HART Analog Output / Canonical record and support

Canonical identity	Honeywell CC-PAOH01
Product name	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.

51305508-200 CE Multimode XLCNE2 Paddle Board

[View 51305508-200 CE Multimode XLCNE2 Paddle Board page](#)

51304544-100 KLCN_CB LCN B Cable Interface Converter

[View 51304544-100 KLCN_CB LCN B Cable Interface Converter 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.

