

8C-PAON01

Series 8 Non-HART Analog Output Module

CONTROLLED ENGINEERING COPY

Place final elements in a controlled state, confirm the matched IOTA and output-loop polarity, then stroke each loop at a limited command value.



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8C-PAON01

01 PRE-INSTALLATION PLAN

1

Verify the complete 8C-PAON01 marking and the assigned Experion Series 8 I/O position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 8C-PAON01.

3

Use ESD controls and protect the keyed connectors of 8C-PAON01 during handling.

4

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

5

Confirm Series 8 analog-output IOTA and C300 controller against the approved system configuration.

MATCHED HARDWARE

- Series 8 analog-output IOTA
- C300 controller
- DB37 field interface
- Analog final elements

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Output channels	16
Output function	Analog output
Communication	Non-HART
Connector	DB37

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FIELD NOTE

Place final elements in a controlled state, confirm the matched IOTA and output-loop polarity, then stroke each loop at a limited command value.

03 COMMISSIONING WORKFLOW

1

Confirm 8C-PAON01 and part number 51454357-175 against the installed record.

2

Verify the physical connection to Series 8 analog-output IOTA.

3

Apply the documented technical values for output channels.

4

Exercise the function: generates analog control commands.

5

Run a controlled test for control-valve positioning.

6

Record the final state, diagnostics and operator acceptance before release.

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 8C-PAON01 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for control-valve positioning before production release.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell PlantCruise Series 8 I/O Specification
Series 8 controller and I/O table

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