

DC-TAIX01

HART Analog Input IOTA

CONTROLLED ENGINEERING COPY

Match the DC-TAIX01 PWA revision, loop polarity and CC-PAIH01 channel assignment before testing analog scaling and HART communication.



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DC-TAIX01

01 PRE-INSTALLATION PLAN

1

Verify the complete DC-TAIX01 marking and its assigned Experion Series C I/O position before work.

2

Isolate the applicable power and field energy before disconnecting DC-TAIX01.

3

Protect DC-TAIX01 connectors and electronic assemblies with approved ESD controls.

4

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

5

Match CC-PAIH01 HART AI module and Series C carrier to the documented system arrangement.

MATCHED HARDWARE

- CC-PAIH01 HART AI module
- Series C carrier
- 4-20 mA HART transmitters
- Loop power distribution

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
PWA number	51307597-176
PWA revision	B
Companion module	CC-PAIH01
Signal type	HART analog input
Input channels	16

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FIELD NOTE

Match the DC-TAIX01 PWA revision, loop polarity and CC-PAIH01 channel assignment before testing analog scaling and HART communication.

03 COMMISSIONING WORKFLOW

1

Confirm DC-TAIX01 and part number 51307597-176 against the installed record.

2

Verify the physical connection to CC-PAIH01 HART AI module.

3

Apply the documented technical values for pwa number.

4

Exercise the function: terminates hart analog-input loops.

5

Run a controlled test for smart pressure inputs.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Commission DC-TAIX01 with controlled status, signal and diagnostic checks.
- ☐
- Retain the final smart pressure inputs functional-test result in the maintenance record.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell product nameplate and Series C I/O documentation
PWA 51307597-176 Rev B

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