

MC-TAIH22

Enhanced High-Level Analog Input FTA

CONTROLLED ENGINEERING COPY

Maintain loop polarity, shield treatment and the documented processor-to-FTA cable assignment when commissioning the sixteen input channels.



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MC-TAIH22

01 PRE-INSTALLATION PLAN

1

Verify the complete MC-TAIH22 marking and its assigned Experion PM I/O position before work.

2

Isolate the applicable power and field energy before disconnecting MC-TAIH22.

3

Protect MC-TAIH22 connectors and electronic assemblies with approved ESD controls.

4

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

5

Match Enhanced analog-input processor and PM I/O cable assembly to the documented system arrangement.

MATCHED HARDWARE

- Enhanced analog-input processor
- PM I/O cable assembly
- Two-wire process transmitters
- Size-B FTA mounting

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Input channels	16
Terminal type	Compression
FTA size	B
Input functions	High-level analog; smart transmitter input
Coating	Conformal

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FIELD NOTE

Maintain loop polarity, shield treatment and the documented processor-to-FTA cable assignment when commissioning the sixteen input channels.

03 COMMISSIONING WORKFLOW

1

Confirm MC-TAIH22 and part number 51204170-250 against the installed record.

2

Verify the physical connection to Enhanced analog-input processor.

3

Apply the documented technical values for input channels.

4

Exercise the function: terminates sixteen high-level analog inputs.

5

Run a controlled test for pressure transmitter marshalling.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Commission MC-TAIH22 with controlled status, signal and diagnostic checks.
- ☐
- Retain the final pressure transmitter marshalling functional-test result in the maintenance record.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

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SOURCE IDENTIFIERS

Honeywell Experion Control Hardware Planning Guide
EP-DOC-X175

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