

TK-HAO081

Eight-Point Coated HART Analog Output Module

CONTROLLED ENGINEERING COPY

Secure the process in manual, confirm output-loop polarity and HART-capable termination, then stroke each channel under a limited command while reviewing device communication.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	TK-HAO081
Manufacturer part	TK-HAO081
Hardware type	8
System family	Experion compact I/O



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WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



TK-HAO081

01 PRE-INSTALLATION PLAN

- 1

Verify the complete TK-HAO081 marking and its assigned Experion compact I/O position before work.
- 2

Isolate the energy associated with Compatible compact I/O carrier before disconnecting TK-HAO081.
- 3

Protect the TK-HAO081 connectors and electronic assembly using approved ESD controls.
- 4

Record the as-found HART output termination assembly connections and configured assignment before replacement.
- 5

Confirm Loop power and field wiring matches the approved installation record for TK-HAO081.

MATCHED HARDWARE

- Compatible compact I/O carrier
- HART output termination assembly
- Loop power and field wiring
- HART-capable final elements

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	TK-HAO081 / TK-HAO081 recorded
Physical interface	Compatible compact I/O carrier
Companion check	HART output termination assembly
Functional proof	Generates eight analog control outputs
Application test	Smart control-valve positioning

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Output points	8
Output function	HART analog output
Coating	Conformal

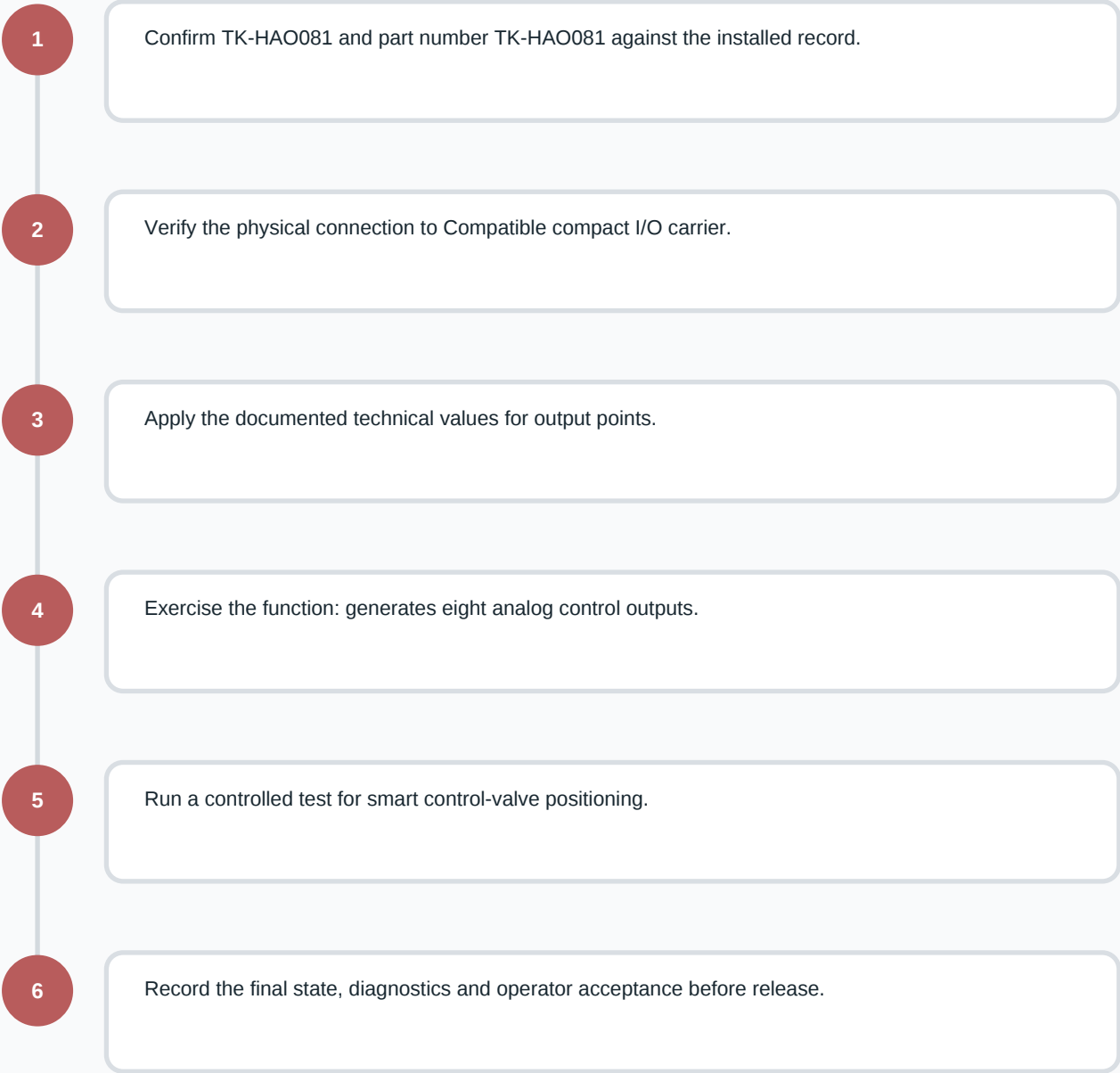
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Compatible compact I/O carrier
Companion hardware	HART output termination assembly
Field connection	Loop power and field wiring
Primary system function	Generates eight analog control outputs
Controlled acceptance duty	Smart control-valve positioning

FIELD NOTE

Secure the process in manual, confirm output-loop polarity and HART-capable termination, then stroke each channel under a limited command while reviewing device communication.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	TK-HAO081 / TK-HAO081 recorded
Physical interface	Compatible compact I/O carrier
Companion check	HART output termination assembly
Functional proof	Generates eight analog control outputs
Application test	Smart control-valve positioning

04 RETURN-TO-SERVICE RECORD

- ☐ Restore TK-HAO081 under controlled conditions and review its model-specific diagnostics.
- ☐ Complete a documented functional test for smart control-valve positioning before release.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
MC-TDOR62	TPS relay-output field termination assembly	Open product page
MC-TPIX12	TPS pulse-input field termination assembly	Open product page
MC-TSIM12	TPS serial-interface field termination assembly	Open product page
MC-TAOY25	TPS analog-output field termination assembly	Open product page

SOURCE IDENTIFIERS

Honeywell System HINTS November 2020

CIOM-A HART AO Module (8)pt coated

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