

APTER POWER ENGINEERING REFERENCE

MC-TAIH14

HART High-Level Analog Input FTA

The MC-TAIH14 is a size-B HART analog-input termination assembly for connecting sixteen smart process-measurement loops to the Honeywell HLAIHART processor.

Parameter	Technical value
Manufacturer	Honeywell
Product model	MC-TAIH14
Part number	51305887-150
System family	Experion PM I/O
Document	Product Technical Reference
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

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SCAN FOR PRODUCT & QUOTE

MC-TAIH14

1. Product Identity and System Role

The MC-TAIH14 is a size-B HART analog-input termination assembly for connecting sixteen smart process-measurement loops to the Honeywell HLAIHART processor.

System role

- Terminates smart analog measurement loops
- Routes HART process and device data to PM I/O
- Provides a size-B field-wiring footprint
- Accommodates single or redundant HLAIHART processing

Matched components

- HLAIHART I/O processor
- PM I/O chassis hardware
- Smart current-loop transmitters
- Size-B FTA mounting surface

2. Technical Specifications

Parameter	Technical value
FTA type	HLAIHART
Model	MC-TAIH14
Part number	51305887-150
Terminal type	Compression
Channels	16
Mounting size	B
Compatible IOP	HLAIHART
Redundancy	Supported
Country	USA
HS code	8537101190

3. Functions, Applications and Components

Core functions

- Terminates smart analog measurement loops
- Routes HART process and device data to PM I/O
- Provides a size-B field-wiring footprint
- Accommodates single or redundant HLAIHART processing

Industrial applications

- Distributed process transmitter cabinets
- Compressor auxiliary measurement panels
- Tank-farm level and pressure I/O
- Power-plant balance-of-plant instrumentation

Compatible system components

- HLAIHART I/O processor
- PM I/O chassis hardware
- Smart current-loop transmitters
- Size-B FTA mounting surface

4. Engineering Precautions and Source

Product precautions

- Reserve the full size-B mounting envelope.
- Label each loop to match the processor channel database.
- Verify transmitter power and polarity before processor insertion.
- Exercise digital HART access without disturbing the current loop.

Manufacturer source

Honeywell Experion Control Hardware Planning Guide
R301.1

RETURN-TO-SERVICE CHECK

Confirm model MC-TAIH14, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.