

MC-TAOX12 51304335-175

MC-TAOX12 Analog Output FTA

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PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
PM/APM/HPM Process Manager I/O

PART
MC-TAOX12 51304335-175

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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PRODUCT OVERVIEW

Honeywell MC-TAOX12 51304335-175 provides field termination for eight analog output channels in a redundant-capable arrangement in a documented PM/APM/HPM Process Manager I/O installation.



Channels: 8 analog outputs



Signal class: 4-20 mA



Terminal type: Compression



Coating: Conformally coated

RELATED APTER POWER PAGES

1

Honeywell MC-PAOX03
51309152-175

2

Honeywell MC-TAIH12 51304337-150

3

Honeywell MC-TDOR12
51309148-175

4

Honeywell MU-PAOX03
51304672-100

5

Honeywell MU-TAIH12 51304337-100

6

Honeywell MU-TAOX12
51304335-100

7

Honeywell MU-TAOX12
51304335-125

8

Honeywell 51401496-100

9

Honeywell 51401642-150

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitior Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to its installed host, interface hardware and engineering configuration. Commissioning restores that architecture and verifies the intended function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE
Product type	Analog Output Field Termination Assembly
FTA model	MC-TAOX12
Manufacturer item number	51304335-175
Channels	8 analog outputs
Signal class	4-20 mA

PARAMETER	VALUE
Terminal type	Compression
Coating	Conformally coated
Compliance execution	CE-compliant part
Redundancy	Supported

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Honeywell MU-TAOX12
51304335-100

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Honeywell MU-TAOX12
51304335-125

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Honeywell 51401496-100

9

Honeywell 51401642-150

TECHNICAL NOTE

Install MC-TAOX12 51304335-175 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and field termination for eight analog output channels in a redundant-capable arrangement under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

MC-TAOX12 Analog Output FTA

Provides field termination for eight analog output channels in a redundant-capable arrangement in the

Installed-system maintenance

Preserves the documented slot, termination, wiring and configuration during replacement.

Controlled commissioning

Restores power and signals in the approved sequence and reviews diagnostics.

Acceptance verification

Confirms the intended channel, network or safety function before release.

PRODUCT PRECAUTIONS

1

Confirm the complete MC-TAOX12 51304335-175 identity on the hardware and maintenance record.

2

Place the affected PM/APM/HPM Process Manager I/O process in the approved maintenance state.

3

Record the installed position, connectors, terminals, wiring and configuration before removal.

4

Isolate all documented power and field energy and apply ESD controls where required.

5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

6

Restore every conductor, cable, power path and configuration value to the approved record.

7

Review host, module, channel or network diagnostics after controlled energization.

8

Perform a controlled test that proves field termination for eight analog output channels in a

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ENGINEER FAQ

Q1 Which output function is assigned to MC-TAOX12 51304335-175?

It is the field termination assembly for analog outputs.

Q2 How many 4-20 mA paths terminate at MC-TAOX12 51304335-175?

Eight analog output paths are supported.

Q3 What connector style does MC-TAOX12 51304335-175 use?

The assembly uses compression terminals.

Q4 Which environmental execution is MC-TAOX12 51304335-175?

It is the conformally coated MC version.

Q5 What does the -175 item execution indicate for MC-TAOX12 51304335-175?

It is the CE-compliant coated execution listed for this FTA.

Q6 How is redundancy used with MC-TAOX12 51304335-175?

The FTA is paired with the approved primary and standby analog-output IOP arrangement.

Q7 Which field records matter before disconnecting MC-TAOX12 51304335-175?

Record each channel, loop polarity, load, cable identity and normal commanded value.

Q8 How is MC-TAOX12 51304335-175 accepted after service?

Command and measure every assigned output while checking switchover behavior and diagnostics.

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SOURCE Honeywell Experion Control Hardware Planning Guide R301.1 | Honeywell manufacturer publication

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