

INDUSTRIAL AUTOMATION PRODUCT

MC-TAOX52

Eight-Channel Analog Output FTA

Honeywell MC-TAOX52 is a coated eight-channel analog output FTA with screw terminals. It connects Process Manager analog output processing to field current loops.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TPS Process Manager I/O
Part number	51304335-275
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



MC-TAOX52

2

Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Output channels	8
Terminal style	Screw
Connector style	Phone connector
Board coating	Conformal

APTER POWER

3

System Role and Architecture

Honeywell MC-TAOX52 is a coated eight-channel analog output FTA with screw terminals. It connects Process Manager analog output processing to field current loops.

FUNCTION 1

Terminates analog output field loops

FUNCTION 2

Connects the analog output processor to field wiring

FUNCTION 3

Uses screw field terminals

FUNCTION 4

Supports single or redundant applications

Matched system components

- Analog output processor
- FTA I/O cable
- Process Manager cabinet
- Analog final elements

APTER POWER

4

Applications and Engineering Context

Control-valve output loops

Terminates analog output field loops

VFD speed references

Connects the analog output processor to field wiring

Damper positioning

Uses screw field terminals

Chemical dosing commands

Supports single or redundant applications

TECHNICAL NOTE

Secure final elements, match the FTA I/O cable and preserve loop polarity, then prove channel scaling with limited commands.

APTEK

5

Engineering Precautions

1

Verify the complete MC-TAOX52 marking and the assigned TPS Process Manager I/O position before field work.

2

Isolate the applicable power, network and field energy before disconnecting MC-TAOX52.

3

Use ESD controls and protect the keyed connectors of MC-TAOX52 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm Analog output processor and FTA I/O cable against the approved system configuration.

6

Restore MC-TAOX52 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for control-valve output loops before production release.

MANUFACTURER SOURCE RECORD

Honeywell TPS Process Manager I/O Specification

IO03-684 Rev.2

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



MC-TAOX52