

INDUSTRIAL AUTOMATION PRODUCT

MC-PAOY22

16-Channel Analog Output Processor

Honeywell MC-PAOY22 is a conformally coated sixteen-channel analog output processor, part number 80363969-150. It converts configured controller commands into field analog-output channels in a Process Manager or C200 I/O system.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell Process Manager / C200 I/O
Part number	80363969-150
Country	USA
HS code	8537101190

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Part number	80363969-150
Output channels	16
Board coating	Conformal
I/O family	Process Manager / C200

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	compatible PM or C200 I/O rack
Companion hardware	assigned analog-output termination assembly
Field connection	field loop power and wiring
Primary system function	Generates sixteen configured analog output channels
Controlled acceptance duty	Control-valve command outputs

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System Role and Architecture

Honeywell MC-PAOY22 is a conformally coated sixteen-channel analog output processor, part number 80363969-150. It converts configured controller commands into field analog-output channels in a Process Manager or C200 I/O system.

FUNCTION 1

Generates sixteen configured analog output channels

FUNCTION 2

Transfers controller commands to process final-element loops

FUNCTION 3

Operates with the assigned output termination hardware

FUNCTION 4

Supports coated process-control cabinet installations

Matched system components

- compatible PM or C200 I/O rack
- assigned analog-output termination assembly
- field loop power and wiring
- Experion controller configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	compatible PM or C200 I/O rack
Companion hardware	assigned analog-output termination assembly
Field connection	field loop power and wiring
Primary system function	Generates sixteen configured analog output channels
Controlled acceptance duty	Control-valve command outputs

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Applications and Engineering Context

Control-valve command outputs

Generates sixteen configured analog output channels

Variable-speed drive reference loops

Transfers controller commands to process final-element loops

Process setpoint transmission

Operates with the assigned output termination hardware

Plant utility analog-control outputs

Supports coated process-control cabinet installations

TECHNICAL NOTE

Record channel assignments, ranges, loop-power arrangement, and termination wiring before replacement; after installation command controlled values and compare controller indication with measured field current.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	MC-PAOY22 / 80363969-150 recorded
Physical interface	compatible PM or C200 I/O rack
Companion check	assigned analog-output termination assembly
Functional proof	Generates sixteen configured analog output channels
Application test	Control-valve command outputs

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Engineering Precautions

1

Verify MC-PAOY22 and part number 80363969-150 before rack work.

2

Place connected final elements in approved manual or safe conditions.

3

Isolate field loop power and record every channel conductor.

4

Confirm the installed rack, processor position, and termination assembly.

5

Use ESD controls and inspect coated-board and connector condition.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
8C-PAON01	Series 8 analog-output module	Open product page
CC-PAOH01	Series C analog-output module with HART	Open product page
MC-TAOX52	TPS analog-output termination assembly	Open product page

MANUFACTURER SOURCE RECORD

Experion Control Hardware Planning Guide

R301.1 / 80363969-150

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