

**APTER POWER**

COMPLETE PRODUCT INFORMATION

# MU-PAOX03 51304672-100

## MU-PAOX03 Analog Output IOP

MU-PAOX03 Analog Output IOP

### PRODUCT SNAPSHOT

**BRAND**  
Honeywell

**FAMILY**  
PM/APM/HPM Process Manager I/O

**PART**  
MU-PAOX03 51304672-100

**DOCUMENT STATUS**  
Controlled engineering copy

### APTER POWER

#### WHATSAPP / PHONE

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# PRODUCT OVERVIEW

Honeywell MU-PAOX03 51304672-100 provides generation of eight 4-20 mA analog outputs in the uncoated non-CE execution in a documented PM/APM/HPM Process Manager I/O installation.

Channels: 8

Output range: 4-20 mA

Coating: Uncoated

Compliance execution: Non-CE part

| RELATED APTER POWER PAGES          |                                    |                                    |
|------------------------------------|------------------------------------|------------------------------------|
| 1 Honeywell MC-PAOX03 51309152-175 | 2 Honeywell MC-TAIH12 51304337-150 | 3 Honeywell MC-TAOX12 51304335-175 |
| 4 Honeywell MC-TDOR12 51309148-175 | 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 |
| Proximitor 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                       | PARAMETER            | VALUE                                     |
|--------------------------|-----------------------------|----------------------|-------------------------------------------|
| Product type             | Analog Output I/O Processor | Output range         | 4-20 mA                                   |
| IOP model                | MU-PAOX03                   | Coating              | Uncoated                                  |
| Manufacturer item number | 51304672-100                | Compliance execution | Non-CE part                               |
| Channels                 | 8                           | Lifecycle note       | Listed as replaced by 51309152-175 in the |

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7 Honeywell MU-TAOX12 51304335-125

8 Honeywell 51401496-100

9 Honeywell 51401642-150

## TECHNICAL NOTE

Install MU-PAOX03 51304672-100 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and generation of eight 4-20 mA analog outputs in the uncoated non-CE execution under controlled conditions.

# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### MU-PAOX03 Analog Output IOP

Provides generation of eight 4-20 mA analog outputs in the uncoated non-CE execution in the approved

### 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 MU-PAOX03 51304672-100 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 generation of eight 4-20 mA analog outputs in the uncoated non-CE

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51309152-175

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9 Honeywell 51401642-150

# ENGINEER FAQ

**Q1 Which process signals are produced by MU-PAOX03 51304672-100?**

It produces eight 4-20 mA analog output signals.

**Q2 How many output channels belong to MU-PAOX03 51304672-100?**

The IOP provides eight channels.

**Q3 Which physical execution is MU-PAOX03 51304672-100?**

It is the uncoated MU version.

**Q4 Is MU-PAOX03 51304672-100 the CE-compliant item?**

No. The -100 item is the non-CE execution.

**Q5 Which later service item is listed for MU-PAOX03 51304672-100?**

The service record lists 51309152-175 as the replacement item.

**Q6 Can MU-PAOX03 51304672-100 be substituted without checking the installed FTA?**

No. Confirm the FTA, cable, CE execution and coating before approving a replacement.

**Q7 What information should be backed up before changing MU-PAOX03 51304672-100?**

Capture channel assignments, output ranges, failure actions and redundancy configuration.

**Q8 What controlled proof is required for MU-PAOX03 51304672-100?**

Measure every commanded loop current and confirm channel diagnostics before release.

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**SOURCE** Honeywell HPM High-Performance Process Manager Service R690 | Honeywell manufacturer publication

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