

# 5464-544

## Actuator Module

Woodward 5464-544 is an obsolete MicroNet four-channel actuator module with 0-200 mA outputs. Woodward's product-change notice identifies replacement by a two-channel actuator module or servo position controller and requires GAP application changes.

| IDENTITY       | VERIFIED VALUE            |
|----------------|---------------------------|
| Manufacturer   | Woodward                  |
| Complete model | 5464-544                  |
| Product role   | Actuator Module           |
| System family  | MicroNet Actuator Control |

### Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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5464-544

## Technical Specifications

| PARAMETER         | VERIFIED VALUE                        | PARAMETER            | VERIFIED VALUE                                           |
|-------------------|---------------------------------------|----------------------|----------------------------------------------------------|
| Product identity  | 5464-544                              | Lifecycle status     | Obsolete                                                 |
| Product type      | MicroNet four-channel actuator module | Replacement approach | Two-channel actuator module or servo position controller |
| Actuator channels | 4                                     | Application change   | GAP software modification required for replacement       |
| Output range      | 0-200 mA                              |                      |                                                          |

### Engineering boundary

Verify the complete Woodward 5464-544 marking, installed revision, connectors and system position before replacement. Confirm every retained value against the nameplate and controlled installation record before commissioning.

## Identity Acceptance

| CONTROL           | VERIFIED VALUE                        |
|-------------------|---------------------------------------|
| Product identity  | 5464-544                              |
| Product type      | MicroNet four-channel actuator module |
| Actuator channels | 4                                     |
| Output range      | 0-200 mA                              |

## Related Products

| MODEL              | APTER POWER PAGE                        |
|--------------------|-----------------------------------------|
| Woodward 8200-226  | <a href="#">View Woodward 8200-226</a>  |
| Woodward 8280-192  | <a href="#">View Woodward 8280-192</a>  |
| Woodward 8280-4001 | <a href="#">View Woodward 8280-4001</a> |
| Woodward 8406-113  | <a href="#">View Woodward 8406-113</a>  |

## Functions and Applications

### Product type

The reviewed exact-model records support product type: MicroNet four-channel actuator module.

### Actuator channels

The reviewed exact-model records support actuator channels: 4.

### Output range

The reviewed exact-model records support output range: 0-200 mA.

### Lifecycle status

The reviewed exact-model records support lifecycle status: Obsolete.

## Common Applications

| APPLICATION             | ENGINEERING CONTEXT                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| Actuator Module service | Supports controlled maintenance of the installed 5464-544 hardware position.                               |
| Exact-model replacement | Preserves the complete 5464-544 identity during spare selection and incoming inspection.                   |
| Configuration control   | Requires the rack, connectors, revision and surrounding system configuration to match the approved record. |
| Commissioning review    | Uses controlled wiring, diagnostics and functional checks before production release.                       |

## Related Products

| MODEL             | APTER POWER PAGE                       |
|-------------------|----------------------------------------|
| GE DS200TCEAG1BSF | <a href="#">View GE DS200TCEAG1BSF</a> |

### Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

## Engineering Precautions

| NO. | PRECAUTION                                                                                  |
|-----|---------------------------------------------------------------------------------------------|
| 1   | Verify the complete Woodward 5464-544 marking before work.                                  |
| 2   | Place the affected equipment in the approved de-energized maintenance state.                |
| 3   | Record the installed slot, connectors, terminal positions and hardware revision.            |
| 4   | Back up configuration or application data when the host system provides it.                 |
| 5   | Use ESD controls while handling the board, module or termination hardware.                  |
| 6   | Do not substitute a visually similar model, suffix or revision without documented approval. |
| 7   | Restore all wiring, shielding, grounding and configuration records exactly as approved.     |
| 8   | Complete model-specific diagnostics and functional checks for 5464-544 before release.      |

## Model-Specific FAQ - Part 1

| QUESTION                                                      | ANSWER                                                                                                          |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| What is Woodward 5464-544?                                    | 5464-544 is the actuator module identified by the verified exact-model records.                                 |
| Which product type is confirmed for 5464-544?                 | The retained product type is MicroNet four-channel actuator module.                                             |
| Which system context applies to 5464-544?                     | The confirmed context is MicroNet Actuator Control; the installed rack and revision still require verification. |
| Which exact-model value should be checked first for 5464-544? | Check actuator channels: 4 together with the complete nameplate marking.                                        |

## Related Products

| MODEL                      | APTER POWER PAGE                                |
|----------------------------|-------------------------------------------------|
| GE IS200EGDMH1AFG          | <a href="#">View GE IS200EGDMH1AFG</a>          |
| Emerson 5X00058G01         | <a href="#">View Emerson 5X00058G01</a>         |
| EPRO PR6423/002-001 CON041 | <a href="#">View EPRO PR6423/002-001 CON041</a> |
| Bently Nevada 126648-01    | <a href="#">View Bently Nevada 126648-01</a>    |

## Model-Specific FAQ - Part 2

| QUESTION                                                 | ANSWER                                                                                                                                                               |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What additional technical fact is verified for 5464-544? | The reviewed records support output range: 0-200 mA.                                                                                                                 |
| Can a similar-looking part replace 5464-544?             | No. Similar appearance or a nearby suffix does not establish interchangeability; the complete model, revision, connectors and system configuration must be approved. |
| What should be recorded before removing 5464-544?        | Record the full marking, installed position, connector or terminal arrangement, revision, wiring and current configuration.                                          |
| What confirms successful commissioning of 5464-544?      | The exact identity and connections must match the approved record, diagnostics must pass and the controlled functional test must show no unexplained fault.          |

## Related Products and Release

| MODEL                   | APTER POWER PAGE                             |
|-------------------------|----------------------------------------------|
| Bently Nevada 128240-01 | <a href="#">View Bently Nevada 128240-01</a> |
| Bently Nevada 128275-01 | <a href="#">View Bently Nevada 128275-01</a> |
| Bently Nevada 128718-01 | <a href="#">View Bently Nevada 128718-01</a> |

### VERIFIED SOURCE RECORDS

1. Verified exact-model Woodward technical record A
2. Verified exact-model Woodward technical record B

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