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# Hookup Test Configuration Attributes

These are the attributes that are associated with hookup test configuration applied to a Motion Control Axis.

## Hookup Test Distance

| Usage        | Access   | T | Data Type | Default | Min | Max    | Semantics of Values |
|--------------|----------|---|-----------|---------|-----|--------|---------------------|
| Required - E | Set/SSV* |   | REAL      | 1       | 0   | maxpos | Position Units      |

*\* Indicates the attribute cannot be set while the drive power structure is enabled (Power Structure Enable bit in CIP Axis Status is true).*

The Hookup Test Distance attribute is used by the Hookup Test service to determine the amount of motion that is necessary to satisfy selected hookup test process.

## Hookup Test Time

| Usage         | Access   | T | Data Type | Default | Min | Max                                                                                 | Semantics of Values |
|---------------|----------|---|-----------|---------|-----|-------------------------------------------------------------------------------------|---------------------|
| Required - !E | Set/SSV* |   | REAL      | 10      | 0   |  | Seconds             |

*\* Indicates the attribute cannot be set while the drive power structure is enabled (Power Structure Enable bit in CIP Axis Status is true).*

The Test Time attribute is used by the Hookup Test service to determine the duration of motion that is necessary to satisfy selected Hookup Test process. This value is typically set to around 10 seconds.

## Hookup Test Feedback Channel

| Usage        | Access   | T | Data Type | Default | Min | Max | Semantics of Values                                          |
|--------------|----------|---|-----------|---------|-----|-----|--------------------------------------------------------------|
| Required - E | Set/SSV* |   | USINT     | 1       | 1   | 2   | Feedback Channel<br><br>1 = Feedback 1<br><br>2 = Feedback 2 |

*\* Indicates the attribute cannot be set while the drive power structure is enabled (Power Structure Enable bit in CIP Axis Status is true).*

The Test Feedback Channel attribute is used by the Hookup Test service when the 'Feedback' test is selected to determine which feedback channel to test.

## See also

- [Motor Test Result Attributes](#)
- [Inertia Test Result Attributes](#)
- [Hookup Test Result Attributes](#)

[Hookup Test Result Attributes](#)

[Inertia Test Configuration Attributes](#)

[Auto-Tune Configuration Attributes](#)

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