INSTALLATION & COMMISSIONING

Bently Nevada 3500/61 136711-02

01 / PLAN AND IDENTIFY

Bently Nevada 3500/61 136711-02 identifies the 3500/61 RTD/thermocouple I/O module with internal barriers and internal terminations. It supports the six-channel temperature monitor execution that provides recorder outputs for each channel.

Identity gate

Composite Identity	3500/61 136711-02
I/O Part	136711-02
Host	3500/61 temperature monitor
Execution	Internal barriers; internal terminations; non-isolated

Work boundary

Exact item	Installed context	Acceptance
3500/61 136711-02	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

Capture the complete identifier, installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

141540 Rev. L: monitor function pp. 1-2; input and environmental specifications pp. 2-6; 3500/61 ordering and exact 136711-02 spare identity pp. 7-9.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
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03 / INSTALL AND CONNECT

04 / Installation check

Verify both 3500/61 and 136711-02 on the installed assembly.

05 / Installation check

Do not substitute 136711-01, which belongs to the 3500/60 monitor.

06 / Installation check

Record each sensor type, channel assignment and conductor position before removal.

07 / Installation check

Apply the approved process and rack isolation procedure before field wiring work.

08 / Installation check

Preserve the internal-barrier and internal-termination arrangement.

Documented data to respect

Host Monitor	3500/61 six-channel temperature monitor
Part Number	136711-02
I/O Function	RTD/TC input module
Barrier	Internal barriers
Termination	Internal terminations
Isolation	Not isolated

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The rear I/O module defines the field-termination and barrier arrangement while the front 3500/61 module conditions the six temperature inputs. Wiring identity, configured sensor type and recorder path must remain aligned.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

Does Bently Nevada 3500/61 136711-02 support recorder outputs?

Yes. The 3500/61 host provides one recorder output for each of its six channels.

Can 136711-01 replace Bently Nevada 3500/61 136711-02?

No. 136711-01 is listed for the 3500/60 monitor; 136711-02 is the 3500/61 execution.

Which termination style belongs to Bently Nevada 3500/61 136711-02?

It uses internal terminations and does not require an external termination block.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.

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05 / HANDOVER

What configuration must be restored after replacement?

Restore the sensor type, channel range, Alert and Danger setpoints and recorder-output mapping.

What confirms commissioning of Bently Nevada 3500/61 136711-02?

All affected channels must show correct temperature, wiring-fault behavior, recorder output and alarm response.

Handover record

Identity	Exact model and installed location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.

Manufacturer evidence

141540 Rev. L: monitor function pp. 1-2; input and environmental specifications pp. 2-6; 3500/61 ordering and exact 136711-02 spare identity pp. 7-9.

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