

01 / PLAN AND IDENTIFY

Bently Nevada 133434-01 is the external-termination I/O module for the 3500/50M Tachometer arrangement. It occupies one full-height rear slot and connects to separately selected tachometer and recorder termination hardware.

Identity gate

Part Number	133434-01
Component	Tachometer I/O Module
Host	3500/50M Tachometer
Termination	External termination

Work boundary

Exact item 133434-01	Installed context Mating component or rack position	Acceptance Machine-specific functional check
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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 Bently Nevada 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 3500/05-02-04-00-00-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/32M	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60	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

141538 Rev. V: tachometer interfaces pp. 1-4; I/O physical data p. 5; external-termination rules and ET hardware pp. 8-9; exact 133434-01 identity p. 9.

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03 / INSTALL AND CONNECT

04 / Installation check

Confirm 133434-01 before replacing it with the TMR 133450-01 execution.

05 / Installation check

Use only external termination hardware; do not connect an ET block to an internal-termination I/O module.

06 / Installation check

Select tachometer and recorder ET blocks by connector style and keep their cable families separate.

07 / Installation check

Record every external cable length and assembly option before disconnecting the rack.

08 / Installation check

Apply the approved machine isolation and overspeed-protection bypass procedure before service.

Documented data to respect

Host System	3500/50M Tachometer
I/O Module Type	External termination
Rack Position	One full-height rear slot
I/O Dimensions	241.3 x 24.4 x 99.1 mm
I/O Weight	0.20 kg
Tachometer ET Blocks	125808-05 Euro Style; 128015-05 terminal strip

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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The module carries tachometer and recorder signal paths between the rack and selected external termination blocks. Cable family, connector style and assembly option must be recorded with the I/O module identity.

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

How does 133434-01 differ from 133450-01?

133434-01 is the standard external-termination I/O; 133450-01 is the TMR external-termination version.

Where does 133434-01 fit in the rack?

It uses one full-height rear slot behind the associated monitor position.

What are the published physical values for 133434-01?

The non-barrier I/O envelope is 241.3 x 24.4 x 99.1 mm and the listed weight is 0.20 kg.

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05 / HANDOVER

Can 133434-01 use an internal-termination arrangement?

No. It is the external-termination execution and requires the selected ET blocks and cables.

What confirms a successful 133434-01 replacement?

Verify the correct speed input, recorder output, buffered signal and configured tachometer 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.

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Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/05-02-04-00-00-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/32M	Related portfolio reference; verify the complete execution.

Manufacturer evidence

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