

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.

Exact identity

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

Installed context

Exact item 133434-01	Installed context Mating component or rack position	Acceptance Machine-specific functional check
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External speed-signal termination

Route proximity or magnetic-pickup inputs from a selected tachometer ET block.

Recorder output wiring

Connect the separately selected recorder ET block and cable path.

Rack modernization

Maintain the external-termination rear I/O while upgrading the associated front tachometer module.

Serviceable field interface

Place field wiring on accessible ET hardware while the I/O stays in the rack.

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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Manufacturer-supported characteristics

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

Additional data

Tachometer Cable Family	135101-AAAA-BB
Recorder ET Blocks	128702-01 Euro Style; 128710-01 terminal strip
Recorder Cable Family	129529-AAAA-BB
Cable Assembly 01	Not assembled
Cable Assembly 02	Assembled
External Hardware Rule	ET blocks and cables ordered separately

Interpretation boundary

Keep tachometer and recorder external-termination paths separate and select all ET blocks and cables independently.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

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01 / Field precaution

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

02 / Field precaution

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

03 / Field precaution

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

04 / Field precaution

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

05 / Field precaution

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

06 / Field precaution

Inspect the rear slot, connector and cable strain relief before inserting the module.

07 / Field precaution

Restore the tachometer input and recorder paths to their original channel assignments.

08 / Field precaution

Verify speed indication, buffered output and configured alarm behavior before return to service.

Acceptance checkpoints

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

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Which host monitor uses 133434-01?

It is the external-termination I/O module listed for the 3500/50M Tachometer Module.

Which ET blocks connect to 133434-01?

Tachometer ET blocks are 125808-05 or 128015-05; recorder ET blocks are 128702-01 or 128710-01.

Are cables included with 133434-01?

No. The 135101 tachometer cable and 129529 recorder cable are selected and ordered separately.

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.

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.

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

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Bently Nevada 3500/60

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3500/50M Tachometer Module Datasheet 141538 Rev. V
Exact identifier	133434-01
Evidence boundary	Only directly supported family and ordering statements are used

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Recommendation rule

Brand + model links identify related Bently Nevada pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

Manufacturer evidence

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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