

01 / PLAN THE WORK

Bently Nevada 140482-01 is a 3500/42M Prox/Velom I/O module with external terminations. It supports the documented Prox/Accel, Velomitor and HTVS input arrangements and requires the corresponding external terminal block and cable.

Work boundary

Signal role	Installed context	Acceptance
Configured measurement or control path	Mating component or rack position	Machine-specific functional check

01 Record the as-found configuration

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

Readiness focus

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source

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 3500/61 136711-02	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Configuration	Installed channel and companion parts 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

143694 Rev. T: exact ordering entry for 140482-01, external-termination architecture, supported sensor arrangements and external terminal-block requirement.

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03 / INSTALL AND CONNECT

04 / Installation check

Verify 140482-01 and the external-termination requirement before installation.

05 / Installation check

Confirm the mating 3500/42M monitor and configured channel types.

06 / Installation check

Use the correct external terminal block and cable ordered for this arrangement.

07 / Installation check

Do not connect this module to an internal termination block.

08 / Installation check

Apply rack power and bypass controls according to the approved site procedure.

Documented data to respect

System	3500 Machinery Protection System
Module type	Prox/Velom I/O module
Termination style	External terminations
Supported input arrangement	Prox/Accel
Supported sensor families	Proximity transducers; Velomitor; HTVS as documented
External hardware	Terminal block and cable ordered separately

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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

This I/O module completes the field-interface side of a configured 3500/42M channel group. The selected transducer type, external terminal block, cable, slot assignment and software configuration must agree before loop testing.

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

Configuration	Installed channel and companion parts 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 140482-01 include the external terminal block?

No. The external terminal block and cable are ordered separately.

Can Bently Nevada 140482-01 be used with an internal termination block?

No. The official ordering note excludes internal termination blocks.

What must match Bently Nevada 140482-01 in the rack?

The monitor type, slot, external cable, terminal block and channel configuration must agree.

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05 / HANDOVER

What should be preserved before replacing Bently Nevada 140482-01?

Preserve the controlled 3500 configuration, terminal identification and channel assignments.

What confirms commissioning of Bently Nevada 140482-01?

Verify every configured channel's OK state, static reading and expected dynamic response.

Handover record

Installed point	Rack, channel or measurement 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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Manufacturer evidence

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