

Bently Nevada 81544-01

Installation & Commissioning Guide

Bently Nevada 81544-01 is a no-relay signal-input and recorder-terminal module for compatible 3300-series monitor executions. It provides the field signal and recorder connections without onboard alarm relays.

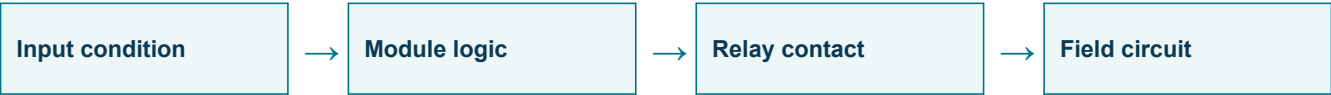
PRODUCT ROLE AND VERIFIED FEATURES

Feature 1 Provides field signal-input terminals.	Feature 2 Provides recorder-output terminal connections.
Feature 3 Uses a no-relay module configuration.	Feature 4 Requires the exact monitor execution and terminal arrangement used by the installed channel.

VERIFIED DATA SNAPSHOT

Component role	Signal-input and recorder-terminal module
Relay hardware	None
Signal function	Field-input connection
Recorder function	Recorder-output terminals

SYSTEM RELATIONSHIP



APTERPOWER SALES TEAM
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Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.



Pre-installation readiness

READINESS GATE

Identity Compare the complete marking with the approved work order and installed record.	System match Confirm the receiving channel, mating components and controlled configuration.
Physical condition Inspect mounting surfaces, connectors, terminals, cable and support hardware.	Work controls Apply authorized isolation, bypass, access and restoration procedures.

TECHNICAL PROFILE FOR THE WORK

Component role Signal-input and recorder-terminal module	Relay hardware None
Signal function Field-input connection	Recorder function Recorder-output terminals
Installation rule Match the compatible 3300-series monitor execution	Acceptance Verify input indication and recorder output

IMPORTANT NOTICE

Resolve every unmatched interface, configuration or receiving-system condition before removal or installation.

SOURCE AND WORK CONTROLS

Manufacturer source	3300 Series monitor spare-parts tables for signal input and relay modules
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

Installation sequence

CONTROLLED WORK STEPS

- 01 Confirm 81544-01 and the matching monitor execution before removal.
- 02 Record every input, common, shield and recorder conductor.
- 03 Isolate the monitor and receiving recorder circuit.
- 04 Do not expect relay functions from this no-relay module.
- 05 Preserve input polarity, common and shield termination.
- 06 Restore recorder wiring to the original terminals.
- 07 Verify monitor indication and recorder-output scaling.
- 08 Confirm channel alarms through the monitor's configured output path before release.

CONNECTION RECORD

As found	Photograph and label every connection and installed orientation before removal.
Mechanical	Record mounting position, support, clearance and connector engagement.
Electrical	Record polarity, common, shield, channel assignment and cable route.
Configuration	Preserve approved settings, scaling, alarm logic and acceptance limits.
As left	Record the final physical condition and any controlled deviation.



WORK HOLD POINTS

Before removal	Identity, position, wiring, orientation and controlled settings recorded.
Before connection	Mating interfaces, condition and routing reviewed.
Before power-up	Mechanical work, wiring, shielding and configuration independently checked.
Before release	Static value, dynamic response and protection behavior accepted.

Commissioning and functional proof

COMMISSIONING SEQUENCE

Initial state Observe status at power-up and check for unexpected fault or alarm indication.	Static value Verify the expected bias, gap, loop, contact or channel value for the application.
Dynamic response Apply the approved machine or test stimulus and confirm response and scaling.	Protection path Verify the configured alarm, relay, data or receiving-system behavior.

APPLICATION-SPECIFIC EVIDENCE

Signal input Connect the compatible field transducer to the monitor.	Recorder output Route the monitor's recorder signal to receiving equipment.
Relay-free configuration Maintain a monitor execution that does not use onboard relays.	Maintenance replacement Restore the same terminal arrangement without altering monitor logic.

ACCEPTANCE RECORD

Identity	Complete marking and final installed position recorded.
Physical inspection	Mounting, connectors, terminals and routing checked.
Channel status	Expected status and configured measurement confirmed.
Functional test	Required output or protection response demonstrated.
Restoration	Bypasses removed and operating state approved.

COMMISSIONING QUESTIONS

What function does Bently Nevada 81544-01 provide?	It provides signal-input and recorder-output terminal connections.
Does Bently Nevada 81544-01 contain alarm relays?	No. It is a no-relay module configuration.

Release record and technical references

CLOSEOUT QUESTIONS

Which installation rule applies to Bently Nevada 81544-01?	Match the module to the compatible 3300-series monitor execution and terminal arrangement.
Which conductors should be recorded before removing Bently Nevada 81544-01?	Record input, common, shield and recorder wiring.
What must be preserved at Bently Nevada 81544-01?	Preserve input polarity, common and shield termination.
How should the recorder circuit be checked after installing Bently Nevada 81544-01?	Compare the recorder output with the monitor indication and configured scale.
Can Bently Nevada 81544-01 provide a local relay output?	No. Any alarm output must follow the monitor's separate configured path.
What completes commissioning of Bently Nevada 81544-01?	Verify channel indication, recorder output and the configured alarm path.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330903-00-06-05-02-05	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330905-00-03-10-02-00	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330905-00-05-05-02-CN	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER SOURCE AND FINAL CONTROL

Manufacturer source	3300 Series monitor spare-parts tables for signal input and relay modules
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

IMPORTANT NOTICE

Release the equipment only after the responsible site authority accepts the recorded result.

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