Bently Nevada 82367-01

Installation & Commissioning Guide

Bently Nevada 82367-01 is a thermocouple input module for compatible 3300/30 and 3300/35 six-channel temperature monitors. It routes thermocouple signals into the monitor's six temperature channels.

PRODUCT ROLE AND VERIFIED FEATURES

Feature 1

Interfaces thermocouple signals with the monitor channels.

Feature 2

Supports six-channel temperature-monitor configurations.

Feature 3

Pairs with compatible 3300/30 and 3300/35 monitor executions.

Feature 4

Requires correct thermocouple polarity, type and channel assignment.

VERIFIED DATA SNAPSHOT

Monitor families	3300/30 and 3300/35
Component role	Thermocouple input module
Signal type	Thermocouple
Channel context	Six-channel temperature monitoring

SYSTEM RELATIONSHIP

Thermocouple → **Input channel** → **Conditioned value** → **Monitoring system**

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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

Monitor families

3300/30 and 3300/35

Component role

Thermocouple input module

Signal type

Thermocouple

Channel context

Six-channel temperature monitoring

Wiring control

Maintain thermocouple type and polarity

Acceptance

Verify channel indication and alarm response

IMPORTANT NOTICE

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

SOURCE AND WORK CONTROLS

Manufacturer source	3300/30 and 3300/35 Six-Channel Temperature Monitor Datasheet 141503-01 Rev. H
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.

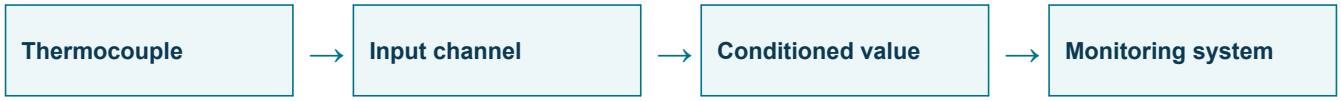
Installation sequence

CONTROLLED WORK STEPS

01	Confirm 82367-01 and the compatible monitor execution before removal.
02	Record thermocouple type, polarity and channel position for every input.
03	Isolate the monitor and field loops before disconnecting conductors.
04	Keep thermocouple extension-wire materials consistent through the circuit.
05	Do not interchange channel assignments or reverse polarity.
06	Tighten terminals evenly and maintain shield and grounding practice.
07	Compare each channel with a known input or approved simulator.
08	Verify indication, alarm and relay response 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

Bearing temperature

Receive thermocouple signals from qualified bearing measurement points.

Process temperature

Interface supported thermocouple loops with the six-channel monitor.

Temperature protection

Provide channel inputs for configured temperature alarms.

Monitor maintenance

Replace the matching thermocouple input module while preserving channel assignments.

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 signal type is accepted by Bently Nevada 82367-01?	It is a thermocouple input module.
Which monitor families use Bently Nevada 82367-01?	It is listed for compatible 3300/30 and 3300/35 temperature monitor configurations.

Release record and technical references

CLOSEOUT QUESTIONS

How many monitoring channels are associated with Bently Nevada 82367-01?	It serves the six-channel temperature-monitor arrangement.
What wiring details must be preserved for Bently Nevada 82367-01?	Retain thermocouple type, polarity and channel assignment.
Can ordinary copper wire replace thermocouple extension wire at Bently Nevada 82367-01?	Use only the extension-wire material required by the thermocouple circuit.
How should Bently Nevada 82367-01 be checked after wiring?	Apply a known input or approved simulator to each affected channel.
What polarity problem can affect Bently Nevada 82367-01?	Reversed thermocouple polarity can drive the indicated temperature in the wrong direction.
What completes commissioning of Bently Nevada 82367-01?	Verify indication, channel alarms and the configured relay response.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330703-050-120-10-02-00	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 330705-02-18-90-02-00	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 330709-050-120-10-02-00	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER SOURCE AND FINAL CONTROL

Manufacturer source	3300/30 and 3300/35 Six-Channel Temperature Monitor Datasheet 141503-01 Rev. H
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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