Bently Nevada 82367-01

Technical Reference

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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Technical profile

Verified technical values for the complete product string are arranged below for selection and engineering review.

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

SELECTION ANCHORS

- Interfaces thermocouple signals with the monitor channels.
- Supports six-channel temperature-monitor configurations.
- Pairs with compatible 3300/30 and 3300/35 monitor executions.
- Requires correct thermocouple polarity, type and channel assignment.

IMPORTANT NOTICE	Use the values as one matched configuration. Do not substitute a nearby ordering code without a separate check.

MANUFACTURER SOURCE 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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture

Thermocouple → Input channel → Conditioned value → Monitoring system

APPLICATION POINTS

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.

INTEGRATION RECORD

Identity	Record the complete marking and installed position.
Mechanical interface	Confirm mounting, support, clearance and connector engagement.
Electrical interface	Confirm signal path, shield, common and receiving-channel assignment.
Configuration	Retain the controlled channel settings and acceptance criteria.
Functional evidence	Record the expected static value, dynamic response and system status.

The thermocouple input module must remain within its intended measurement or monitoring chain. Match its interfaces, wiring and channel configuration before returning protection to service.

ENGINEERING REVIEW 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.
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.

Engineering checks and acceptance

PRODUCT PRECAUTIONS

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.

RELEASE EVIDENCE

Exact identity	Product marking and intended system position agree.
Interface condition	Mounting, connectors, terminals and cable routing are secure.
Signal response	The expected static and dynamic behavior has been observed.
Protection state	Channel status, alarms and controlled bypass state are restored.

IMPORTANT NOTICE	Use the complete ordering string and verify every mating component before installation.

APPLICATION BOUNDARIES

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330500-00-00	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330505-02-02-02	Related product reference. Compare the required interface and system position.
Bently Nevada 330703-000-100-10-02-00	Related product reference. Confirm the execution independently for the intended task.

SOURCE AND SELECTION RECORD

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.

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