Bently Nevada 3500/61E 285694-02

Bently Nevada 3500/61E 285694-02 identifies the 3500/61E six-channel temperature monitor spare configured for non-isolated RTD inputs. It is used in 3500 ENCORE rack-upgrade applications that retain compatible 3300-series temperature I/O wiring.

Exact identity

Exact Identifier	3500/61E 285694-02
Monitor	3500/61E six-channel temperature monitor
Spare	285694-02
Execution	Non-isolated RTD

Installed context

Exact item	Installed context	Acceptance
3500/61E 285694-02	Mating component or rack position	Machine-specific functional check

Bearing temperature

Process six RTD channels for machine-bearing temperature monitoring.

Rack modernization

Upgrade a compatible 3300 temperature-monitor position within a 3500 ENCORE system.

Process temperature

Trend machine-related RTD measurements and alarm against configured limits.

Legacy wiring retention

Reuse approved 3300-series I/O hardware without rewiring the entire field circuit.

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 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com

Manufacturer-supported characteristics

Monitor Family	3500/61E
Spare Part Number	285694-02
Channel Count	Six
Input Execution	Non-isolated RTD
Rack Role	3500 ENCORE temperature monitor
Legacy I/O Use	Designed for compatible 3300/30 and 3300/35 I/O modules

Additional data

Front-panel Indicators	OK, TX/RX, Bypass and Alarm
Configuration	3500/01 Software version 4.0 or later
System 1 Requirement	Version 6.75 or later
ENCORE 2 Requirement	Version 4.6 or later
Alarm Logic	User-programmable Alert and Danger functions
Replacement Boundary	Match installed I/O type and retained 3300 wiring

Interpretation boundary

Keep the complete 3500/61E 285694-02 identity together and verify every mating component before installation.

Evidence discipline

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

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 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com

01 / Field precaution

Verify the complete 3500/61E 285694-02 identity and non-isolated RTD execution.

02 / Field precaution

Confirm the installed legacy I/O module is supported by the 3500/61E arrangement.

03 / Field precaution

Record every channel assignment and RTD type before removing the existing monitor.

04 / Field precaution

Check the required 3500/01, System 1 and ENCORE 2 software revisions.

05 / Field precaution

Preserve approved rack and field isolation procedures during replacement.

06 / Field precaution

Restore Alert, Danger, bypass and channel configuration exactly.

07 / Field precaution

Check each channel for correct temperature and wiring-fault behavior.

08 / Field precaution

Verify communications, alarms and the machine acceptance record before release.

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

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 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

Connect with ApterPower
Phone: +86 180 3023 5313
Email: sales13@apterpower.com
www.apterpower.com

What is Bently Nevada 3500/61E 285694-02?

It is the 3500/61E six-channel temperature monitor spare for non-isolated RTD inputs.

How many channels does Bently Nevada 3500/61E 285694-02 provide?

It provides six temperature channels.

Which input type belongs to Bently Nevada 3500/61E 285694-02?

Part 285694-02 is the non-isolated RTD execution.

Where is Bently Nevada 3500/61E 285694-02 used?

It is designed for compatible 3500 ENCORE rack-upgrade applications.

Which legacy I/O does Bently Nevada 3500/61E 285694-02 support?

The source identifies compatible 3300/30 and 3300/35 temperature I/O arrangements.

Which software must be checked for Bently Nevada 3500/61E 285694-02?

Verify 3500/01 version 4.0 or later, System 1 version 6.75 or later and ENCORE 2 version 4.6 or later.

Can the RTD configuration be omitted when replacing Bently Nevada 3500/61E 285694-02?

No. Channel type, range, alarms and retained I/O wiring must be restored.

What confirms commissioning of Bently Nevada 3500/61E 285694-02?

Confirm all six channel readings, wiring-fault response, communications and alarm operation.

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 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

Connect with ApterPower
Phone: +86 180 3023 5313
Email: sales13@apterpower.com
www.apterpower.com

3500/61E 285694-02

Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3500/61E and 3500/67E Temperature Monitor Specifications and Ordering Information, part 287825-01
Exact identifier	3500/61E 285694-02
Evidence boundary	Only directly supported family and ordering statements are used

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 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

Recommendation rule

Brand + model links identify related product 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

287825-01: monitor function and ENCORE application pp. 1-2; specifications and indicators pp. 2-5; software and exact 285694-02 spare identity p. 6.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com