

133827-01

Temperature I O Module

Bently Nevada 133827-01 is the 3500/60 non-isolated RTD/thermocouple I/O module with external terminations.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3500 System

PART

133827-01

PRODUCT TYPE

Temperature I O Module

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Bently Nevada 133827-01 is the 3500/60 non-isolated RTD/thermocouple I/O module with external terminations.

1

Accepts RTD and thermocouple inputs

2

Uses external terminations

3

Matches the 3500/60 monitor

4

Provides the non-isolated I/O variant

SYSTEM COMPONENTS

Bently Nevada 3500 System

the documented companion module

approved field wiring

the controlled rack configuration

TECHNICAL NOTE

Record each sensor type, terminal, polarity and cable shield at the external termination block before replacing 133827-01.

TECHNICAL DATA

PARAMETER	VALUE
part number	133827-01
host monitor	3500/60
I/O function	RTD and thermocouple input
isolation	non-isolated

PARAMETER	VALUE
termination	external termination
channel system	six-channel temperature monitoring
recorder output host	not provided by 3500/60
official publication	141540 Rev. L

ENGINEERING NOTE

Record each sensor type, terminal, polarity and cable shield at the external termination block before replacing 133827-01.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 200151 XX XX XX MOD 323357 15 03 00	Related industrial automation product	View Bently Nevada 200151 XX XX XX MOD 323357 15 03 00 page
Bently Nevada 162381 078 027 50 05	Related industrial automation product	View Bently Nevada 162381 078 027 50 05 page
Bently Nevada 330103 00 12 10 12 05	Related industrial automation product	View Bently Nevada 330103 00 12 10 12 05 page
Bently Nevada 9200 06 01 11 04	Related industrial automation product	View Bently Nevada 9200 06 01 11 04 page
Bently Nevada 330851 04 000 030 10 01 05	Related industrial automation product	View Bently Nevada 330851 04 000 030 10 01 05 page
Bently Nevada 84510 30	Related industrial automation product	View Bently Nevada 84510 30 page
Bently Nevada 330104 10 15 10 01 05	Related industrial automation product	View Bently Nevada 330104 10 15 10 01 05 page
Bently Nevada 330104 08 13 10 01 05	Related industrial automation product	View Bently Nevada 330104 08 13 10 01 05 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

External RTD termination

Accepts RTD and thermocouple inputs

External thermocouple termination

Uses external terminations

3500/60 channel restoration

Matches the 3500/60 monitor

Temperature I O replacement

Provides the non-isolated I/O variant

PRODUCT PRECAUTIONS

- 1 Verify the complete 133827-01 marking and its assigned Bently Nevada 3500 System position before work.
- 2 Place the connected external rtd termination process in the approved maintenance state.
- 3 Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4 Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5 Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.
- 6 Confirm the installed Bently Nevada 3500 System and the documented companion module against the approved project.
- 7 Restore power in a controlled sequence and review device, network and host diagnostics.
- 8 Prove the intended external thermocouple termination function and retain the final acceptance result.

ENGINEER FAQ

Q1 Which official part number applies to Bently Nevada 133827-01?

Baker Hughes documents the part number as 133827-01. Verify this exact identity and its installed configuration before service.

Q2 How is the host monitor identified for Bently Nevada 133827-01?

Baker Hughes documents the host monitor as 3500/60. Verify this exact identity and its installed configuration before service.

Q3 What i/o function is documented for Bently Nevada 133827-01?

Baker Hughes documents the i/o function as RTD and thermocouple input. Verify this exact identity and its installed configuration before service.

Q4 Which isolation must be retained for Bently Nevada 133827-01?

Baker Hughes documents the isolation as non-isolated. Verify this exact identity and its installed configuration before service.

Q5 What does Baker Hughes specify as the termination for Bently Nevada 133827-01?

Baker Hughes documents the termination as external termination. Verify this exact identity and its installed configuration before service.

Q6 How should technicians verify the channel system of Bently Nevada 133827-01?

Baker Hughes documents the channel system as six-channel temperature monitoring. Verify this exact identity and its installed configuration before service.

Q7 Which published recorder output host distinguishes Bently Nevada 133827-01?

Baker Hughes documents the recorder output host as not provided by 3500/60. Verify this exact identity and its installed configuration before service.

Q8 What is the documented official publication used by Bently Nevada 133827-01?

Baker Hughes documents the official publication as 141540 Rev. L. Verify this exact identity and its installed configuration before service.

SOURCE 3500/60 and 3500/61 Temperature Modules Datasheet | 141540 Rev. L

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com