

136711-02

Barrier I O Module

Bently Nevada 136711-02 is the 3500/61 non-isolated RTD/thermocouple I/O module with internal barriers and internal terminations.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3500 System

PART

136711-02

PRODUCT TYPE

Barrier I O Module

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Bently Nevada 136711-02 is the 3500/61 non-isolated RTD/thermocouple I/O module with internal barriers and internal terminations.

1

Integrates internal barriers

2

Uses internal terminations

3

Matches the 3500/61 monitor

4

Accepts RTD and thermocouple inputs

SYSTEM COMPONENTS

Bently Nevada 3500 System

the documented companion module

approved field wiring

the controlled rack configuration

TECHNICAL NOTE

Verify the hazardous-area drawing, barrier entity parameters, channel sensor type and recorder configuration before replacing 136711-02.

TECHNICAL DATA

PARAMETER	VALUE
part number	136711-02
host monitor	3500/61
I/O function	RTD and thermocouple input
isolation	non-isolated

PARAMETER	VALUE
barriers	internal barriers
termination	internal termination
recorder-output host	provided by the 3500/61 system
official publication	141540 Rev. L and 141495

ENGINEERING NOTE

Verify the hazardous-area drawing, barrier entity parameters, channel sensor type and recorder configuration before replacing 136711-02.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Honeywell MC TDIA72	Related industrial automation product	View Honeywell MC TDIA72 page
Honeywell TK HAO081	Related industrial automation product	View Honeywell TK HAO081 page
Honeywell 05704 A 0123	Related industrial automation product	View Honeywell 05704 A 0123 page
Honeywell 10209 2 1	Related industrial automation product	View Honeywell 10209 2 1 page
Honeywell 51307038 100	Related industrial automation product	View Honeywell 51307038 100 page
Honeywell 10014 H I	Related industrial automation product	View Honeywell 10014 H I page
Siemens 6GK1561 2AA00	Related industrial automation product	View Siemens 6GK1561 2AA00 page
Honeywell 10014 F F	Related industrial automation product	View Honeywell 10014 F F page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Intrinsically safe temperature input

Integrates internal barriers

Internal RTD termination

Uses internal terminations

Internal thermocouple termination

Matches the 3500/61 monitor

3500/61 I O replacement

Accepts RTD and thermocouple inputs

PRODUCT PRECAUTIONS

- 1 Verify the complete 136711-02 marking and its assigned Bently Nevada 3500 System position before work.
- 2 Place the connected intrinsically safe temperature input 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 internal rtd termination function and retain the final acceptance result.

ENGINEER FAQ

Q1 Which official part number applies to Bently Nevada 136711-02?

Baker Hughes documents the part number as 136711-02. Verify this exact identity and its installed configuration before service.

Q2 How is the host monitor identified for Bently Nevada 136711-02?

Baker Hughes documents the host monitor as 3500/61. Verify this exact identity and its installed configuration before service.

Q3 What i/o function is documented for Bently Nevada 136711-02?

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 136711-02?

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 barriers for Bently Nevada 136711-02?

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

Q6 How should technicians verify the termination of Bently Nevada 136711-02?

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

Q7 Which published recorder-output host distinguishes Bently Nevada 136711-02?

Baker Hughes documents the recorder-output host as provided by the 3500/61 system. Verify this exact identity and its installed configuration before service.

Q8 What is the documented official publication used by Bently Nevada 136711-02?

Baker Hughes documents the official publication as 141540 Rev. L and 141495. Verify this exact identity and its installed configuration before service.

SOURCE 3500/60 and 3500/61 Temperature Modules Datasheet and 3500/04 Internal Barriers Datasheet | 141540 Rev. L; 141495

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