

136711-02

Barrier I O Module

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	136711-02
Manufacturer part	136711-02
Hardware type	136711-02
System family	Bently Nevada 3500 System



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

- Bently Nevada 3500 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	136711-02 / 136711-02 recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Integrates internal barriers
Application test	Intrinsically safe temperature input

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
part number	136711-02
host monitor	3500/61
I/O function	RTD and thermocouple input
isolation	non-isolated
barriers	internal barriers
termination	internal termination
recorder-output host	provided by the 3500/61 system
official publication	141540 Rev. L and 141495

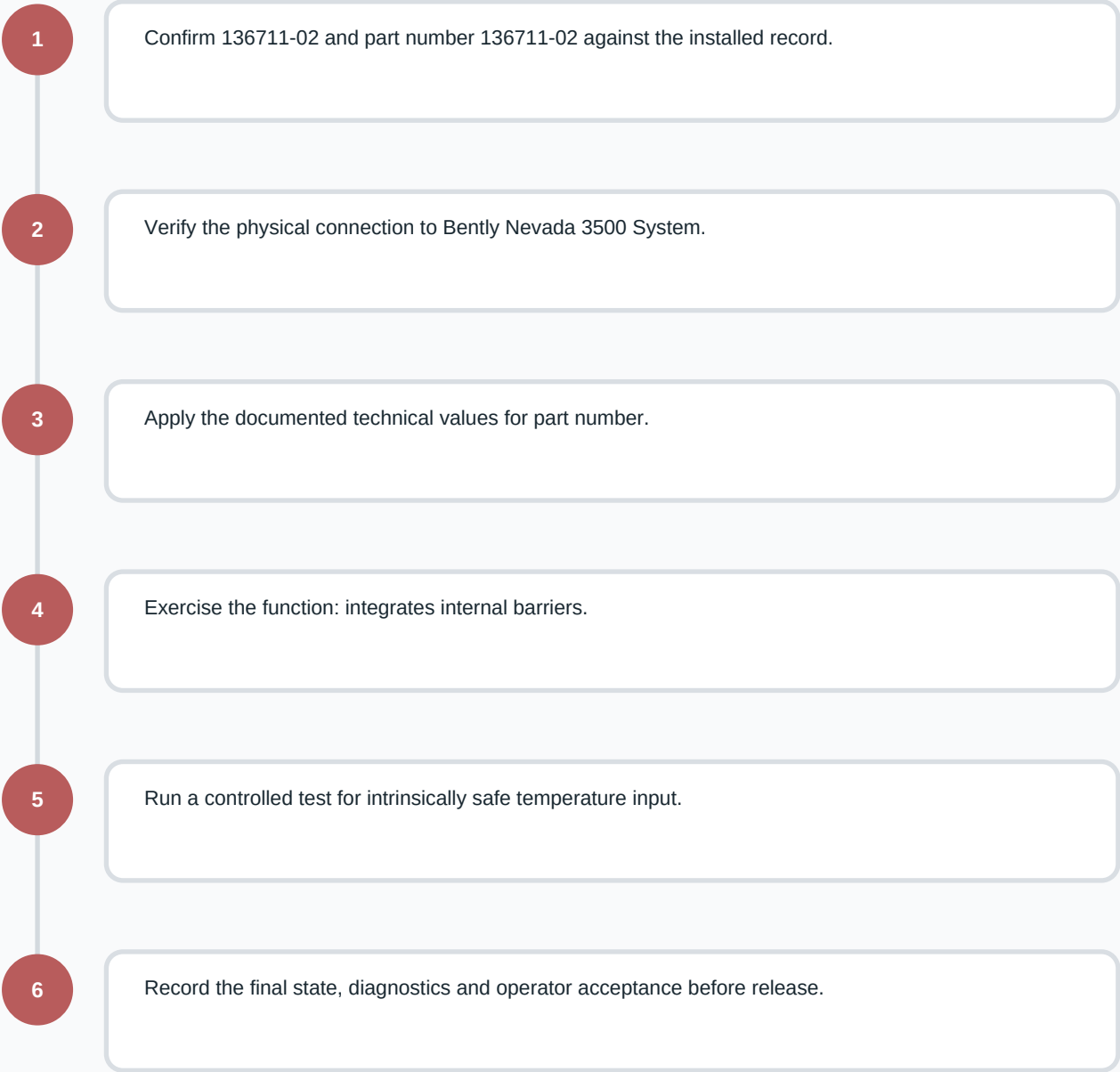
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Bently Nevada 3500 System
Companion hardware	the documented companion module
Field connection	approved field wiring
Primary system function	Integrates internal barriers
Controlled acceptance duty	Intrinsically safe temperature input

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	136711-02 / 136711-02 recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Integrates internal barriers
Application test	Intrinsically safe temperature input

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed Bently Nevada 3500 System and the documented companion module against the approved project.
- ☐ Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐ Prove the intended internal rtd termination function and retain the final acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	136711-02
INSTALLED POSITION	Documented Bently Nevada 3500 System position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
ABB DSTY101 57120001 KY	Related industrial automation product	View ABB DSTY101 57120001 KY page
Bently Nevada 330130 045 00 00	Related industrial automation product	View Bently Nevada 330130 045 00 00 page
Bently Nevada 3500 94	Related industrial automation product	View Bently Nevada 3500 94 page
Bently Nevada 990 04 50 01 00	Related industrial automation product	View Bently Nevada 990 04 50 01 00 page
Bently Nevada 3500 45 176449 04	Related industrial automation product	View Bently Nevada 3500 45 176449 04 page
Bently Nevada 330106 05 30 05 02 00	Related industrial automation product	View Bently Nevada 330106 05 30 05 02 00 page
Honeywell 51403698 100	Related industrial automation product	View Honeywell 51403698 100 page
Honeywell 10300 1 1	Related industrial automation product	View Honeywell 10300 1 1 page

SOURCE IDENTIFIERS

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

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