

## 126648-01

### Keyphasor I O Module

CONTROLLED ENGINEERING COPY

Record sensor supply, trigger polarity, hysteresis, external block terminals and cable shield before replacing 126648-01.

| INSTALLATION IDENTITY | REQUIRED VALUE            |
|-----------------------|---------------------------|
| Complete model        | 126648-01                 |
| Manufacturer part     | 126648-01                 |
| Hardware type         | 126648-01                 |
| System family         | Bently Nevada 3500 System |



#### APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313  
EMAIL [sales13@apterpower.com](mailto:sales13@apterpower.com)  
WEBSITE [www.apterpower.com](http://www.apterpower.com)



# 01 PRE-INSTALLATION PLAN

- 1

Verify the complete 126648-01 marking and its assigned Bently Nevada 3500 System position before work.
- 2

Place the connected phase reference 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           | 126648-01 / 126648-01 recorded           |
| Physical interface | Bently Nevada 3500 System                |
| Companion check    | the documented companion module          |
| Functional proof   | Provides external Keyphasor terminations |
| Application test   | Phase reference                          |

02 WIRING & INTERFACE CHECKS

| CHECK ITEM           | REQUIRED VALUE                          |
|----------------------|-----------------------------------------|
| part number          | 126648-01                               |
| host monitor         | 3500/25 Enhanced Keyphasor Module       |
| I/O role             | Keyphasor signal input                  |
| termination          | external termination                    |
| measurement purpose  | phase-reference and speed event input   |
| system platform      | 3500 machinery protection system        |
| configuration        | documented 3500 Keyphasor channel setup |
| official publication | 141532 Rev. W                           |

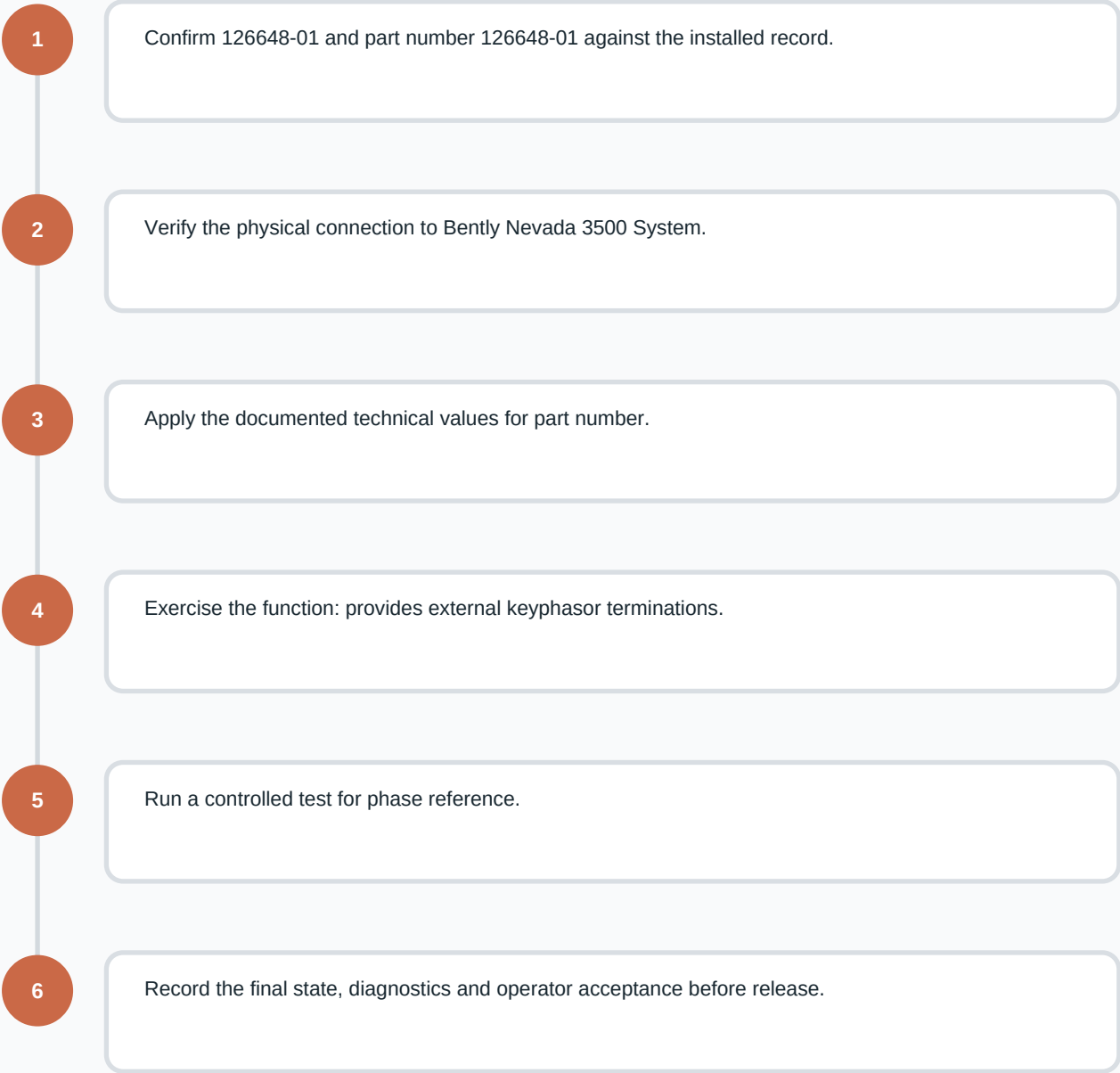
SYSTEM CONNECTION RECORD

| 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    | Provides external Keyphasor terminations |
| Controlled acceptance duty | Phase reference                          |

FIELD NOTE

Record sensor supply, trigger polarity, hysteresis, external block terminals and cable shield before replacing 126648-01.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM      | ACCEPTANCE CONDITION                     |
|--------------------|------------------------------------------|
| Identity           | 126648-01 / 126648-01 recorded           |
| Physical interface | Bently Nevada 3500 System                |
| Companion check    | the documented companion module          |
| Functional proof   | Provides external Keyphasor terminations |
| Application test   | Phase reference                          |

## 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 rotational speed input function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

### VERIFICATION RECORD

PRODUCT IDENTITY

126648-01

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                                 |
|------------------------|---------------------------------------|--------------------------------------------------|
| Honeywell TC HAO081    | Related industrial automation product | <a href="#">View Honeywell TC HAO081 page</a>    |
| Honeywell 51306803 100 | Related industrial automation product | <a href="#">View Honeywell 51306803 100 page</a> |
| Honeywell 51305072 700 | Related industrial automation product | <a href="#">View Honeywell 51305072 700 page</a> |
| Honeywell 51304584 100 | Related industrial automation product | <a href="#">View Honeywell 51304584 100 page</a> |
| Honeywell 51304159 100 | Related industrial automation product | <a href="#">View Honeywell 51304159 100 page</a> |
| Honeywell 51195096 200 | Related industrial automation product | <a href="#">View Honeywell 51195096 200 page</a> |
| Honeywell 8C PAON01    | Related industrial automation product | <a href="#">View Honeywell 8C PAON01 page</a>    |
| Honeywell 51304540 200 | Related industrial automation product | <a href="#">View Honeywell 51304540 200 page</a> |

### SOURCE IDENTIFIERS

3500/25 Enhanced Keyphasor Module Datasheet  
141532 Rev. W

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WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

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