

# APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

## 102044-00-32-10-02

### Bently Nevada proximity probe

CONTROLLED ENGINEERING COPY

Verify the complete 102044-00-32-10-02 nameplate, installed cable and connector, matched Proximity Sensor, target material and channel calibration before replacement.

| INSTALLATION IDENTITY | REQUIRED VALUE                                  |
|-----------------------|-------------------------------------------------|
| Complete model        | 102044-00-32-10-02                              |
| Manufacturer part     | 102044-00-32-10-02                              |
| Hardware type         | 102044                                          |
| System family         | Bently Nevada proximity transducer installation |



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# 01 PRE-INSTALLATION PLAN

- 1

Verify the complete 102044-00-32-10-02 marking, installed configured construction and assigned measuring point before work.
- 2

Place the monitored machine and its protection channel in the approved maintenance state before disturbing the probe.
- 3

Protect the probe tip and installed configured interface from impact, burrs, contamination and unintended side-view metal.
- 4

Route and support the installed probe lead without sharp bends, crushing, tensile load or contact with hot and moving surfaces.
- 5

Keep every ClickLoc interface clean, dry and fully engaged; preserve connector-protector hardware where supplied.

## MATCHED HARDWARE

- Installed matching Proximitor Sensor
- Installed cable and connector arrangement
- Conductive machine target
- Compatible Bently Nevada monitor input

## INSTALLATION CONTROL RECORD

| CONTROL ITEM       | REQUIRED RECORD                                  |
|--------------------|--------------------------------------------------|
| Identity           | 102044-00-32-10-02 / 102044-00-32-10-02 recorded |
| Physical interface | Installed matching Proximitor Sensor             |
| Companion check    | Installed cable and connector arrangement        |
| Functional proof   | Uses the exact 102044 configured identity        |
| Application test   | Radial shaft-vibration measurement               |

02 WIRING & INTERFACE CHECKS

| CHECK ITEM            | REQUIRED VALUE     |
|-----------------------|--------------------|
| Base part number      | 102044             |
| Configured order code | 102044-00-32-10-02 |
| Manufacturer          | Bently Nevada      |

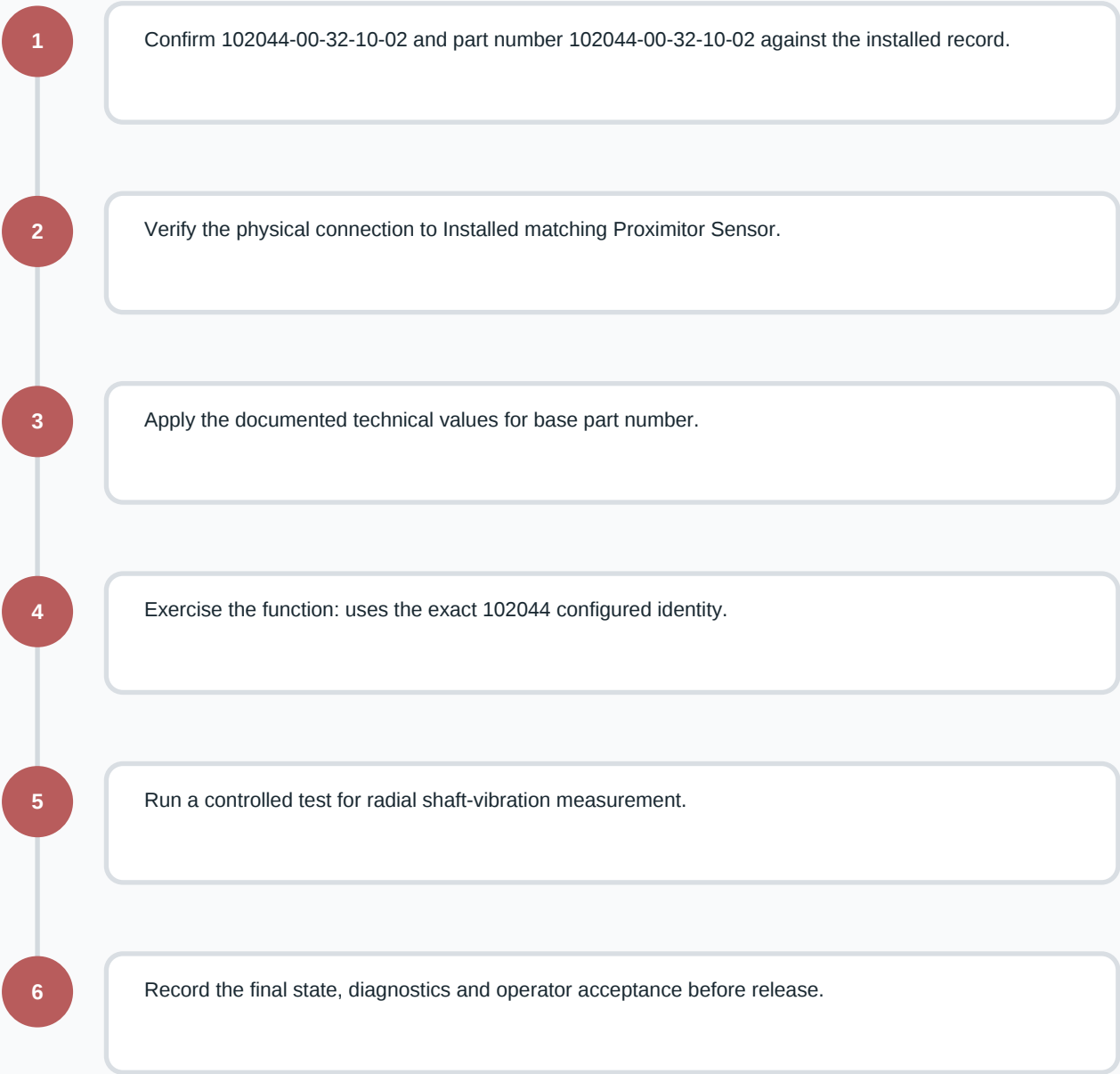
SYSTEM CONNECTION RECORD

| CONNECTION ITEM            | DOCUMENTED ASSIGNMENT                     |
|----------------------------|-------------------------------------------|
| Installed host / carrier   | Installed matching Proximitior Sensor     |
| Companion hardware         | Installed cable and connector arrangement |
| Field connection           | Conductive machine target                 |
| Primary system function    | Uses the exact 102044 configured identity |
| Controlled acceptance duty | Radial shaft-vibration measurement        |

FIELD NOTE

Verify the complete 102044-00-32-10-02 nameplate, installed cable and connector, matched Proximitior Sensor, target material and channel calibration before replacement.

### 03 COMMISSIONING WORKFLOW



#### COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM      | ACCEPTANCE CONDITION                             |
|--------------------|--------------------------------------------------|
| Identity           | 102044-00-32-10-02 / 102044-00-32-10-02 recorded |
| Physical interface | Installed matching Proximitior Sensor            |
| Companion check    | Installed cable and connector arrangement        |
| Functional proof   | Uses the exact 102044 configured identity        |
| Application test   | Radial shaft-vibration measurement               |

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the matched documented Bently Nevada proximity Proximity Sensor, total system length and target material before setting the static gap.
- ☐
- Maintain the documented probe-tip separation where adjacent channels could create cross-talk.
- ☐
- Prove gap voltage, polarity, dynamic response and alarm action before returning the protection channel to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

|                     |                                                                     |
|---------------------|---------------------------------------------------------------------|
| PRODUCT IDENTITY    | 102044-00-32-10-02                                                  |
| INSTALLED POSITION  | Documented Bently Nevada proximity transducer installation 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                                |
|-----------------------|-------------------------------|-------------------------------------------------|
| 330101-00-39-20-02-05 | Related Bently Nevada product | <a href="#">View 330101-00-39-20-02-05 page</a> |
| 330101-00-09-20-02-05 | Related Bently Nevada product | <a href="#">View 330101-00-09-20-02-05 page</a> |
| 330101-00-60-05-02-00 | Related Bently Nevada product | <a href="#">View 330101-00-60-05-02-00 page</a> |
| 330101-00-43-20-02-05 | Related Bently Nevada product | <a href="#">View 330101-00-43-20-02-05 page</a> |
| 330707-00-20-10-11-00 | Related Bently Nevada product | <a href="#">View 330707-00-20-10-11-00 page</a> |
| 9571-12               | Related Bently Nevada product | <a href="#">View 9571-12 page</a>               |
| 22811-00-03-05-02     | Related Bently Nevada product | <a href="#">View 22811-00-03-05-02 page</a>     |
| 21504-000-032-10-02   | Related Bently Nevada product | <a href="#">View 21504-000-032-10-02 page</a>   |

SOURCE IDENTIFIERS

Bently Nevada Approvals Quick Reference Guide  
108M1756 Rev. AL

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