

## Installation Readiness

### Bently Nevada 330851-02-000-070-90-00-05

Field checklist for the m30x2 metric threaded 3300 XL 25 mm probe as part of a complete differential-expansion system. Use the manufacturer's installation drawing and the plant-approved work procedure for actual wiring and mounting.

### Before Isolation or Replacement

| RECORD                 | REASON                                                         |
|------------------------|----------------------------------------------------------------|
| Exact marking          | Confirm the complete 330851-02-000-070-90-00-05 order string.  |
| Mechanical arrangement | Record bracket, target collar or ramp and probe orientation.   |
| Companion parts        | Identify the matched cable and Proximito Sensor.               |
| Existing channel       | Record monitor scaling, bias and protection state.             |
| Safe-work control      | Apply site isolation, protection bypass and restart authority. |

### Hold point

Do not replace or energize until identity, case fit, connector condition and matched-system configuration are reconciled with the approved maintenance record.

### Related Products on Apter Power

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Bently Nevada 330851-02-000-070-10-00-05 | <a href="#">Open product page</a> |
| Bently Nevada 330851-02-000-060-10-00-00 | <a href="#">Open product page</a> |
| Bently Nevada 330851-02-000-060-10-01-05 | <a href="#">Open product page</a> |
| Bently Nevada 330851-01-000-020-10-00-00 | <a href="#">Open product page</a> |
| Bently Nevada 330851-06-000-070-50-00-05 | <a href="#">Open product page</a> |
| Bently Nevada 330850-50-05               | <a href="#">Open product page</a> |
| Bently Nevada 330850-91-00               | <a href="#">Open product page</a> |

# Assembly and Connection Checks

## Pre-Energization Inspection

| CHECK          | EXPECTED RECORD                                              |
|----------------|--------------------------------------------------------------|
| Probe mounting | Case type and bracket fit agree with the installed drawing.  |
| Sensing target | Rotor collar or ramp geometry is approved for the channel.   |
| Probe tip      | PEEK face is clean and free from impact damage.              |
| Cable routing  | FluidLoc cable and any armor follow the approved route.      |
| ClickLoc joint | Mating connector is clean, seated and protected.             |
| Matched chain  | Cable and Proximity Sensor suit the documented 25 mm system. |
| Monitor wiring | Polarity, shielding and grounding follow the drawing.        |

### Installation boundary

A probe replacement is not accepted solely because it fits mechanically. Verify the complete electrical chain and the monitored differential-expansion response.

## Related Products on Apter Power

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Bently Nevada 330850-51-CN          | <a href="#">Open product page</a> |
| Bently Nevada 330854-080-24-00      | <a href="#">Open product page</a> |
| Bently Nevada 330854-080-25-00      | <a href="#">Open product page</a> |
| Bently Nevada 330854-080-24-CN      | <a href="#">Open product page</a> |
| Bently Nevada 330854-080-05         | <a href="#">Open product page</a> |
| Bently Nevada 330104-08-15-10-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330104-00-07-50-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330104-00-24-10-02-00 | <a href="#">Open product page</a> |

# Controlled Commissioning Sequence

## Field Sequence

| STEP | ACTION                               | ACCEPTANCE                                      |
|------|--------------------------------------|-------------------------------------------------|
| 01   | Check full marking and case style.   | Record agrees with the supplied probe.          |
| 02   | Secure the approved probe bracket.   | Mounting and alignment are stable.              |
| 03   | Inspect target and probe face.       | No damage or contamination.                     |
| 04   | Route and protect cable.             | No abrasion, strain or connector contamination. |
| 05   | Join the ClickLoc interface.         | Positive mating and protection verified.        |
| 06   | Check the complete matched chain.    | Probe, cable and sensor agree with record.      |
| 07   | Energize under controlled procedure. | Static output is credible for target position.  |
| 08   | Move through approved test sequence. | Monitor response meets acceptance criteria.     |

## Related Products on Apter Power

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Bently Nevada 330104-00-10-05-01-05 | <a href="#">Open product page</a> |
| Bently Nevada 330104-08-12-10-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330104-01-09-50-02-05 | <a href="#">Open product page</a> |
| Bently Nevada 330104-00-10-10-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330104-00-15-10-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330103-00-10-10-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330103-00-11-50-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330102-00-70-10-01-05 | <a href="#">Open product page</a> |
| Bently Nevada 330105-02-12-05-02-00 | <a href="#">Open product page</a> |
| Bently Nevada 330103-00-06-10-01-00 | <a href="#">Open product page</a> |
| Bently Nevada 330103-00-04-10-01-05 | <a href="#">Open product page</a> |
| Bently Nevada 330103-00-18-10-02-00 | <a href="#">Open product page</a> |

# Acceptance and Source

## Controlled Release Summary

| ITEM             | REQUIRED EVIDENCE                                          |
|------------------|------------------------------------------------------------|
| Identity         | Full 330851-02-000-070-90-00-05 marking recorded.          |
| Mechanical fit   | Case, bracket, target and alignment verified.              |
| Cable            | FluidLoc routing and connector protection inspected.       |
| Electrical chain | Matching extension cable and Proximitior Sensor confirmed. |
| Monitor response | Static and controlled dynamic results documented.          |

## Troubleshooting Questions

| QUESTION                                      | FIELD RESPONSE                                      |
|-----------------------------------------------|-----------------------------------------------------|
| Unexpected 330851-02-000-070-90-00-05 output? | Check target, connector, cable and matched sensor.  |
| Intermittent response?                        | Inspect ClickLoc engagement and cable protection.   |
| Replacement differs?                          | Hold release and reconcile the complete order code. |

### Manufacturer source record

Bently Nevada 3300 XL 25 mm Proximity Transducer System Datasheet, 163236 Rev. M. Description, specifications and ordering information on pages 1-7 and 11-12. Related site links are for navigation, not parameter evidence.

### 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)



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