

Installation Readiness

Bently Nevada 330851-05-000-040-50-01-05

Field checklist for the 1 1/2-12 english 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 330851-05-000-040-50-01-05 order string.
Mechanical arrangement	Record bracket, target collar or ramp and probe orientation.
Companion parts	Identify the matched cable and Proximitior 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	Open product page
Bently Nevada 330851-02-000-060-10-00-00	Open product page
Bently Nevada 330851-02-000-060-10-01-05	Open product page
Bently Nevada 330851-01-000-020-10-00-00	Open product page
Bently Nevada 330851-06-000-070-50-00-05	Open product page
Bently Nevada 330850-50-05	Open product page
Bently Nevada 330850-91-00	Open product page

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	Open product page
Bently Nevada 330854-080-24-00	Open product page
Bently Nevada 330854-080-25-00	Open product page
Bently Nevada 330854-080-24-CN	Open product page
Bently Nevada 330854-080-05	Open product page
Bently Nevada 330104-08-15-10-02-00	Open product page
Bently Nevada 330104-00-07-50-02-00	Open product page
Bently Nevada 330104-00-24-10-02-00	Open product page

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

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Bently Nevada 330104-01-09-50-02-05	Open product page
Bently Nevada 330104-00-10-10-02-00	Open product page
Bently Nevada 330104-00-15-10-02-00	Open product page
Bently Nevada 330103-00-10-10-02-00	Open product page
Bently Nevada 330103-00-11-50-02-00	Open product page
Bently Nevada 330102-00-70-10-01-05	Open product page
Bently Nevada 330105-02-12-05-02-00	Open product page
Bently Nevada 330103-00-06-10-01-00	Open product page
Bently Nevada 330103-00-04-10-01-05	Open product page
Bently Nevada 330103-00-18-10-02-00	Open product page

Acceptance and Source

Controlled Release Summary

ITEM	REQUIRED EVIDENCE
Identity	Full 330851-05-000-040-50-01-05 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 330851-05-000-040-50-01-05 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.

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