Bently Nevada 330101-00-40-05-02-05

INSTALLATION & COMMISSIONING GUIDE / EXACT-MODEL ENGINEERING FILE

Bently Nevada 330101-00-40-05-02-05 is a 3300 xl 8 mm proximity probe for the Bently Nevada 3300 XL 8 mm proximity transducer system. The complete marking and installed hardware arrangement must be matched before replacement.

01 Job scope and safe-work boundary

Offered assembly	Bently Nevada 330101-00-40-05-02-05
Installed system	Bently Nevada 3300 XL 8 mm proximity transducer system
Work boundary	Do not kink, crush or contaminate the 75 Ω triaxial cable and ClickLoc connector.
As-found record	Send the complete 330101-00-40-05-02-05 marking, installed-system context and required quantity.

Readiness controls

Match every option group
Compare the full 330101-00-40-05-02-05 code with the installed probe and maintenance record.

Protect the probe cable
Do not kink, crush or contaminate the 75 Ω triaxial cable and ClickLoc connector.

Preserve electrical length
Match the probe and extension cable to the Proximitor sensor total-length selection.

Verify the mechanical gap
Use the approved machine drawing and gap-setting procedure before returning the channel to service.

Related product references

- General Electric IS220PPROH1A
- General Electric DS200TBCAG1AAB
- General Electric 531X123PCHACG1
- General Electric 531X303MCPBCG1
- Bently Nevada 3300/47
- Bently Nevada 330101-00-28-10-02-CN
- Hirschmann M4-FAST-8-SFP
- General Electric IC695PNC001

Engineering record prompts

Connector record	Photograph every used connector, cable label, keying feature and shield termination.
Host record	Identify the carrier, rack, drive, chassis or operator station that owns the installed position.
Configuration record	Archive the applicable project, address, parameter, firmware or hardware-setting evidence.

02 Replacement sequence

01 Record	Send the complete 330101-00-40-05-02-05 marking, installed-system context and required quantity.
02 Verify	Compare every token in 330101-00-40-05-02-05 with the installed label and the applicable manufacturer document.
03 Isolate	Do not kink, crush or contaminate the 75 Ω triaxial cable and ClickLoc connector.
04 Compare	Confirm option 05 approval markings and the complete installed circuit against the applicable control drawing.
05 Reconnect	Match the probe and extension cable to the Proximitor sensor total-length selection.
06 Configure	Use the approved machine drawing and gap-setting procedure before returning the channel to service.
07 Prove	Perform an approved gap or vibration response check and retain the result with monitor diagnostics.
08 Handover	Retain the 330101-00-40-05-02-05 label, installed gap, matched-system components, approval record and functional-test result.

Stop conditions

Identity mismatch
Stop if any complete-model token or revision marker differs.

Interface mismatch
Stop if keying, connector count or installed position does not match.

Missing baseline
Stop if the installed configuration or cable map cannot be recovered.

Related product references

- General Electric DS200TBCAG1AAB
- General Electric 531X123PCHACG1
- General Electric 531X303MCPBCG1
- Bently Nevada 3300/47
- Bently Nevada 330101-00-28-10-02-CN
- Hirschmann M4-FAST-8-SFP
- General Electric IC695PNC001
- General Electric IS220PPROH1A

Engineering record prompts

Host record	Identify the carrier, rack, drive, chassis or operator station that owns the installed position.
Configuration record	Archive the applicable project, address, parameter, firmware or hardware-setting evidence.
Supply-scope record	List terminal blocks, carriers, plugs, cables and accessories separately in the quotation.
Baseline result	Record initial indications, diagnostics and the controlled-system condition before work.

03 Interface restoration and application fit

Complete identity	Use 330101-00-40-05-02-05 as one complete reference in the quotation, service record and acceptance file.
Installed position	Record the exact host position and functional ownership within the Bently Nevada 3300 XL 8 mm proximity transducer system.
Physical execution	Compare artwork, connectors, keying, terminal hardware and orientation with the removed assembly.
Configuration boundary	Preserve the applicable project, address, firmware or hardware-setting record before removal.
Acceptance evidence	Retain initial and as-left diagnostics plus the controlled functional-test result.
Unstated values	Do not assign electrical or compatibility values that are not established by the exact-model evidence.

Application acceptance

Radial vibration measurement
Use within a matched 3300 XL 8 mm transducer chain for fluid-film bearing machinery.

Axial position measurement
Apply the documented probe gap and target geometry for position monitoring.

Keyphasor and speed reference
Use only where the installed monitor and mechanical target arrangement are approved for the function.

Matched-system maintenance
Preserve total electrical length, connector execution and hazardous-area documentation during replacement.

Applicable technical data

Complete order code	330101-00-40-05-02-05
Probe family	3300 XL 8 mm proximity probe
Thread	3/8-24 UNF
Armor	Without armor
Unthreaded length option 00	0.0 in
Overall case length option 40	4.0 in

Related product references

- General Electric 531X303MCPBCG1
- Bently Nevada 3300/47
- Bently Nevada 330101-00-28-10-02-CN
- Hirschmann M4-FAST-8-SFP
- General Electric IC695PNC001
- General Electric IS220PPROH1A

04 Commissioning and fault isolation

Identity	Confirm the complete marking, artwork and installed position.
Interface map	Restore connectors and cables only from the approved as-found record.
Controlled power-up	Observe host and unit indications before enabling the process function.
Functional proof	Test the intended 3300 xl 8 mm proximity probe role and retain diagnostics with the handover.

Diagnostic questions

How should the field wiring for 330101-00-40-05-02-05 be verified?	Protect the 75 Ω triaxial cable, maintain the approved bend route and keep connector contamination away from 330101-00-40-05-02-05.
What should be checked before energizing 330101-00-40-05-02-05?	Confirm thread engagement, probe gap, cable routing, matched 0.5 m electrical length and applicable hazardous-area drawing for 330101-00-40-05-02-05.
How can a suspected 330101-00-40-05-02-05 fault be separated from an external fault?	Check probe gap, connector condition, cable continuity and the matched Proximitor sensor before replacing 330101-00-40-05-02-05.
What proves that 330101-00-40-05-02-05 is operating correctly after installation?	A controlled gap or vibration check must show the expected matched-system response and stable monitor indication for 330101-00-40-05-02-05.

Result record matrix

Baseline	Record the pre-test state and host position.
Stimulus	Apply only the approved command, signal or diagnostic action.
Observation	Capture unit indication, host diagnostic and field response together.
Disposition	Accept, correct and retest, or record the exception with its owner.

Related product references

- General Electric IC695PNC001
- General Electric IS220PPROH1A
- General Electric DS200TBCAG1AAB
- General Electric 531X123PCHACG1
- General Electric 531X303MCPBCG1
- Bently Nevada 3300/47
- Bently Nevada 330101-00-28-10-02-CN
- Hirschmann M4-FAST-8-SFP

Engineering record prompts

Nameplate record	Capture the complete marking, visible revision and installed position before removal.

05 Handover and service record

Identity evidence
Offered and removed markings plus installed position.

Configuration evidence
As-found and as-left project, address or setting record.

Test evidence
Diagnostics, controlled functional result and open exceptions.

Supply evidence
Included items and separately supplied accessories confirmed in the quotation.

Close-out checks

Identity closed	The as-left record names 330101-00-40-05-02-05 without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.
Function closed	The intended 3300 xl 8 mm proximity probe role has a recorded controlled-test result.
Exceptions closed	Outstanding issues have an owner and documented action.

Ordering checks

Match the complete marking	Compare every token in 330101-00-40-05-02-05 with the installed label and the applicable manufacturer document.
Verify the assembly boundary	Confirm the terminal board, I/O pack, connector, carrier or matched-system components that belong with 330101-00-40-05-02-05.

Related product references

- Bently Nevada 3300/47
- Bently Nevada 330101-00-28-10-02-CN
- Hirschmann M4-FAST-8-SFP
- General Electric IC695PNC001
- General Electric IS220PPROH1A
- General Electric DS200TBCAG1AAB
- General Electric 531X123PCHACG1
- General Electric 531X303MCPBCG1

Engineering record prompts

Baseline result	Record initial indications, diagnostics and the controlled-system condition before work.
Identity decision	Approve only the complete order code and observed execution; do not shorten the family name.
Interface decision	Confirm connector count, orientation, pin ownership and field wiring against the as-found map.

Discuss the complete 330101-00-40-05-02-05 marking with Apter Power.

sales13@apterpower.com | +86 18030235313

Scan the WhatsApp QR to share nameplate and installed-system evidence.