

Bently Nevada 330879-03-00

Complete Product Information

Bently Nevada 330879-03-00 provides opposed left- and right-exit clamps for a complementary-input differential-expansion installation.

WHAT THIS PRODUCT DOES

Bently Nevada 330879-03-00 is the two-clamp 3300 XL 50 mm sliding-probe arrangement supplied without a differential-expansion mounting bracket.

Product characteristic 1 Supplies two probe clamps for complementary-input DE geometry.	Product characteristic 2 Provides one right-exit and one left-exit clamp so cables leave from the same side.
Product characteristic 3 Omits the DE mounting bracket under option 00.	Product characteristic 4 Works with the 3300 XL 50 mm transducer-system mounting arrangement.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Accessory family	3300 XL 50 mm sliding probe bracket and clamp
Clamp style	Two clamps for CIDE applications
Cable exits	One left exit and one right exit
DE mounting bracket	Not included

IMPORTANT NOTICE

Confirm that 330879-03-00 is the two-clamp execution before dismantling the existing mount. Re-tighten locking hardware and document zero, direction and complementary response before release.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Accessory family	3300 XL 50 mm sliding probe bracket and clamp
Clamp style	Two clamps for CIDE applications
Cable exits	One left exit and one right exit
DE mounting bracket	Not included
Application	Complementary-input differential expansion

FEATURE INTERPRETATION

Product identity Supplies two probe clamps for complementary-input DE geometry.	System role Provides one right-exit and one left-exit clamp so cables leave from the same side.
Service context Omits the DE mounting bracket under option 00.	Return-to-service focus Works with the 3300 XL 50 mm transducer-system mounting arrangement.

SIGNAL OR CONTROL PATH



The clamp pair establishes probe orientation but does not include the mounting bracket. The selected CIDE bracket, probe alignment and simulated-movement verification must be completed separately.

PRODUCT-PAGE TECHNICAL QUESTIONS

How many clamps are supplied by 330879-03-00?	Option 03 supplies two clamps for complementary-input differential-expansion applications.
Which cable-exit directions are included with 330879-03-00?	The pair contains one right-exit and one left-exit clamp so the cables can leave from the same side of the bracket.
Does 330879-03-00 include a DE mounting bracket?	No. Bracket option 00 is clamp only.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Complementary-input DE Supports two 50 mm probes observing opposite sides of a differential-expansion target.	Sliding verification setup Allows probes to be moved through the working range when combined with the correct bracket.
Steam-turbine TSI Supports differential-expansion measurement on large turbine-generator trains.	Clamp-only replacement Replaces the clamp pair where the existing approved bracket remains in service.

APPLICATION VERIFICATION MAP

Complementary-input DE	Confirm the documented system position and the required operating function.
Sliding verification setup	Compare the restored connection or control path with the approved record.
Steam-turbine TSI	Check the physical interface and the retained configuration before startup.
Clamp-only replacement	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Does 330879-03-00 include a DE mounting bracket?	No. Bracket option 00 is clamp only.
What measurement arrangement is 330879-03-00 designed for?	It supports complementary-input DE using two 3300 XL 50 mm probes on opposite sides of the target.
Can a single-probe bracket be assumed for 330879-03-00?	No. Select and verify the approved CIDE mounting bracket separately.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Confirm that 330879-03-00 is the two-clamp execution before dismantling the existing mount.
- 02 Do not install the clamp-only option unless the correct bracket and base plate are already available.
- 03 Identify left- and right-exit clamp orientation before routing either probe cable.
- 04 Align both probes with the target so their measurement axes follow the approved CIDE geometry.
- 05 Secure each clamp without distorting the probe case or restricting the sliding carriage.
- 06 Maintain target clearance across the entire differential-expansion travel range.
- 07 Move the transducers through the verification range and compare both channel responses.
- 08 Re-tighten locking hardware and document zero, direction and complementary response before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

How many clamps are supplied by 330879-03-00?	Option 03 supplies two clamps for complementary-input differential-expansion applications.
Which cable-exit directions are included with 330879-03-00?	The pair contains one right-exit and one left-exit clamp so the cables can leave from the same side of the bracket.
Does 330879-03-00 include a DE mounting bracket?	No. Bracket option 00 is clamp only.
What measurement arrangement is 330879-03-00 designed for?	It supports complementary-input DE using two 3300 XL 50 mm probes on opposite sides of the target.

IMPORTANT NOTICE

Confirm that 330879-03-00 is the two-clamp execution before dismantling the existing mount. Re-tighten locking hardware and document zero, direction and complementary response before release.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

Can a single-probe bracket be assumed for 330879-03-00?	No. Select and verify the approved CIDE mounting bracket separately.
What alignment is critical when fitting 330879-03-00?	Both probe axes must follow the approved target geometry without side loading or interference.
How is sliding movement checked with 330879-03-00?	Release the carriage according to the bracket procedure and verify both channels through the required travel.
What release record should accompany 330879-03-00?	Record clamp orientation, probe gaps, channel directions and complementary differential-expansion response.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Bently Nevada 3300 XL 50 mm Proximity Transducer System Datasheet 174014 Rev. L.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTEPOWER

Bently Nevada 330190-045-01-05	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330881-28-00-265-00-02	Related product reference. Compare the required interface and system position.
Bently Nevada 330881-28-04-265-00-02	Related product reference. Confirm the execution independently for the intended task.

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