Bently Nevada 330705-02-18-90-02-00

Bently Nevada 330705-02-18-90-02-00 is a 3300 XL 11 mm reverse-mount probe with 3/8-24 UNF threads, a 9.0 m lead and a miniature ClickLoc coaxial connector. It belongs to the 4 mm-range 11 mm proximity-transducer system.

IMPORTANT NOTICE	Only values tied to the documented product family and visible ordering fields are used. Unresolved suffixes remain unchanged.

Product capabilities

Feature 1
Uses the 330705 reverse-mount probe construction.

Feature 2
Provides a 3/8-24 UNF threaded mounting interface.

Feature 3
Carries a 9.0 m integral lead to a miniature ClickLoc connector.

Feature 4
Works only as part of the matched 3300 XL 11 mm transducer chain.

Evidence scope

Datasheet 146256 Rev. P defines 330705 as the 3/8-24 reverse-mount probe and lists the 90-02-00 option fields.

Related models

Bently Nevada 330104-02-12-50-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-13-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-71-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330930-040-02-00	Related portfolio reference; verify the complete execution.

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Manufacturer-supported technical data

Transducer family 3300 XL 11 mm	**Probe construction** Reverse mount
Mounting thread 3/8-24 UNF	**Documented fixed code** 02-18 reverse-mount geometry
Integral lead length 9.0 m	**Termination** Miniature ClickLoc coaxial connector
Agency approval Not required	**Nominal linear range** 4 mm (160 mil) for the matched 11 mm system
Nominal sensitivity 3.94 V/mm (100 mV/mil)	**System rule** Use the matched 11 mm Proximitor sensor

IMPORTANT NOTICE Use each value only for the component or complete system stated in the applicable manufacturer source.

System boundary

The reverse mount probe must remain within its defined transducer or monitoring-system boundary. Confirm the mating hardware, controlled configuration and final signal response before restoring protection.

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Common applications

Differential expansion
Measure qualified long-range shaft or rotor displacement.

Axial position
Monitor shaft-position change where the 4 mm system range is required.

Radial vibration
Measure relative shaft vibration with the approved 11 mm target geometry.

Reverse-mount installation
Fit the probe from behind a suitable bracket or housing assembly.

Commissioning path

1 / Identify
Record the complete label and installed context.

2 / Match
Confirm the intended probe, cable, module or monitor chain.

3 / Connect
Follow the controlled wiring and mounting procedure.

4 / Accept
Verify status, signal response and configured protection behavior.

Application boundary

Application examples describe typical use of the documented product family. Final channel type, target, mounting, loop scaling and protection logic remain machine-specific.

Related models

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Product precautions

01 Confirm the complete 330705-02-18-90-02-00 label before installation.	**02** Verify the 3/8-24 reverse-mount holder and probe-tip clearance.
03 Use only the matched 3300 XL 11 mm signal conditioner.	**04** Route the 9 m lead without tension, sharp bends or abrasion.
05 Keep the miniature coaxial connector clean and fully engaged.	**06** Maintain the required target material, diameter and side-view clearance.
07 Set the working gap from the matched 11 mm system response.	**08** Verify gap voltage, full expected travel and channel alarms before release.

IMPORTANT NOTICE Do not energize, bypass protection or return a channel to service until the applicable site authorization and functional acceptance are complete.

Release record

Identity	Complete label and installed position recorded
Configuration	Controlled settings restored and reviewed
Signal path	Connections, shielding and connector condition checked
Functional result	Expected status and response documented

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Technical questions

Which family contains Bently Nevada 330705-02-18-90-02-00?
It belongs to the 3300 XL 11 mm proximity-transducer system.

How is Bently Nevada 330705-02-18-90-02-00 mounted?
It is a reverse-mount probe with 3/8-24 UNF threads.

Which lead length is supplied on Bently Nevada 330705-02-18-90-02-00?
The selected integral lead length is 9.0 m.

Which connector terminates Bently Nevada 330705-02-18-90-02-00?
It uses a miniature ClickLoc coaxial connector.

What nominal range belongs to the matched Bently Nevada 330705-02-18-90-02-00 system?
The 3300 XL 11 mm system provides a nominal 4 mm linear range.

Which sensitivity applies to the matched Bently Nevada 330705-02-18-90-02-00 chain?
The nominal system sensitivity is 3.94 V/mm.

Manufacturer reference

3300 XL 11 mm Proximity Transducer System Datasheet 146256 Rev. P

Datasheet 146256 Rev. P defines 330705 as the 3/8-24 reverse-mount probe and lists the 90-02-00 option fields.

Related models

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