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.

Work definition

Scope	Install or replace the exact identified product within its documented system.
Evidence	3300 XL 11 mm Proximity Transducer System Datasheet 146256 Rev. P
Control	Use the approved machine isolation, bypass and restoration procedure.
Acceptance	Record the final status and functional response.

Key capabilities

- Uses the 330705 reverse-mount probe construction.
- Provides a 3/8-24 UNF threaded mounting interface.
- Carries a 9.0 m integral lead to a miniature ClickLoc connector.
- Works only as part of the matched 3300 XL 11 mm transducer chain.

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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Readiness gate

Identity Compare the complete label with the work order and installed record.	**System match** Confirm mating components, channel type and configuration.
Condition Inspect connectors, terminals, mounting surfaces and cable condition.	**Controls** Apply authorized isolation and machinery-protection bypass controls.

Technical profile

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

Manufacturer evidence

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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Installation sequence

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.

Connection record

As found	Photograph and label each connection before removal.
Mechanical	Confirm correct mounting, support and connector engagement.
Electrical	Verify polarity, common, shield and channel assignment.
Configuration	Restore the approved settings for this exact position.

IMPORTANT NOTICE	Never use a nearby model, MOD execution or unresolved suffix as an automatic replacement.

Site record

Work order	Record reference and authorized scope.
Installed position	Record machine, channel or rack location.
As-found status	Record signal, alarm or channel condition.
Technician review	Record independent verification before energizing.

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Commissioning checks

Power-up Observe initial status and confirm no unexpected fault or alarm.	**Static check** Verify the expected bias, gap, loop or channel value.
Dynamic check Apply the approved machine or test response and confirm scaling.	**Protection check** Verify configured alarm, relay or receiving-system behavior.

Final precautions

- Set the working gap from the matched 11 mm system response.
- Verify gap voltage, full expected travel and channel alarms before release.

Application confirmation

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.

Related models

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Bently Nevada 330103-00-13-10-02-00	Related portfolio reference; verify the complete execution.
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Acceptance checklist

Exact identity	Label matches the authorized product record.
Mating system	All required components and configuration agree.
Physical condition	Mounting, routing, connectors and terminals are secure.
Signal quality	Static and dynamic readings meet the approved expectation.
Protection state	Bypasses are removed and alarms or relays are restored.
Documentation	Results, changes and unresolved items are recorded.

Technical FAQ

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.

Related models

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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.

IMPORTANT NOTICE Release the equipment only after the site acceptance authority approves the recorded result.

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