

Installation Identity and Scope

Bently Nevada 330706-005-046-10-02-00 is a 3300 xl 11 mm metric reverse-mount probe in the 3300 XL 11 mm Proximity Transducer System. Its complete ordering code identifies the installed mechanical, cable, connector and approval configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330706-005-046-10-02-00
Manufacturer	Bently Nevada
Hardware type	3300 XL 11 mm metric reverse-mount probe
System family	3300 XL 11 mm Proximity Transducer System
Official source	Baker Hughes publication 146256 Rev. T

CONTROLLED ENGINEERING COPY

Install 330706-005-046-10-02-00 only with the matched 3300 XL 11 mm Proximity Transducer System components. For probe orders, the probe lead and extension cable must match the selected 5 m or 9 m sensor length. Record the marking, channel, cable route and target before work, then prove gap voltage and dynamic response before release.

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330706-005-046-10-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330706-005-046-10-02-00 order code from the physical marking.
2	Use only matched 3300 XL 11 mm Proximity Transducer System probe, cable and Proximitor Sensor components.
3	Record the existing gap voltage and monitor-channel setup before disturbing the loop.
4	Protect the probe tip, coaxial connectors and cable from impact or contamination.
5	Observe the documented bend radius and do not twist the integral or extension cable.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	330706-005-046-10-02-00
Physical interface	3300 XL 11 mm Proximity Transducer System
Companion check	Matched probe, extension cable and Proximitor Sensor
Configuration	Configured machinery monitor channel
Functional proof	Target, cable and channel acceptance record

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Confirm 330706-005-046-10-02-00 and each dash option.
Matched loop	Confirm every component belongs to 3300 XL 11 mm Proximity Transducer System.
Cable route	Record length, bend path and connector protection.
Target	Verify material, size and side/rear clearances.
Gap	Record as-found and final gap voltage.
Field wiring	Confirm shield, common and monitor-terminal assignment.
Dynamic test	Verify response to a controlled target movement or approved simulator.
Release	Confirm channel OK state, alarms and documented proof test.

CONFIGURATION BOUNDARY

Install 330706-005-046-10-02-00 only with the matched 3300 XL 11 mm Proximity Transducer System components. For probe orders, the probe lead and extension cable must match the selected 5 m or 9 m sensor length. Record the marking, channel, cable route and target before work, then prove gap voltage and dynamic response before release.

Expected Technical Values

PARAMETER	VALUE
Thread	M10 x 1
Mounting	Reverse mount
Fixed unthreaded length	5 mm
Fixed case length	46 mm

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	330706-005-046-10-02-00 marking recorded
Matched system	3300 XL 11 mm Proximity Transducer System components confirmed
Gap	Static operating point accepted
Functional proof	Dynamic response and channel test passed

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What product family must be matched with 330706-005-046-10-02-00?	Use only components from the documented 3300 XL 11 mm Proximity Transducer System.
Which order-code identity must be recorded for 330706-005-046-10-02-00?	Record the complete code, not only the base series number.
What target condition must be verified before gapping 330706-005-046-10-02-00?	Verify material, surface geometry and the approved measurement location.
What must be preserved before removing 330706-005-046-10-02-00?	Record gap voltage, channel configuration, cable route and connector condition.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Bently Nevada 27465-01	Open product page
Bently Nevada 31000-16-10-15-063-03-02	Open product page
Bently Nevada 21504-000-020-10-02	Open product page
Bently Nevada 22811-00-03-05-02	Open product page
Bently Nevada 31000-00-00-00-000-00-00	Open product page
Bently Nevada 31000-00-00-15-023-01-02	Open product page
Bently Nevada 31000-00-00-15-035-01-02	Open product page
Bently Nevada 31000-00-00-15-039-01-02	Open product page

MANUFACTURER SOURCE RECORD

3300 XL 11 mm Proximity Transducer System Datasheet
 Baker Hughes publication 146256 Rev. T

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	330706-005-046-10-02-00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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