

Installation Identity and Scope

Bently Nevada 330705-02-18-10-02-00 is a 3300 xl 11 mm 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	330705-02-18-10-02-00
Manufacturer	Bently Nevada
Hardware type	3300 XL 11 mm reverse-mount probe
System family	3300 XL 11 mm Proximity Transducer System
Official source	Baker Hughes publication 146256 Rev. T

CONTROLLED ENGINEERING COPY

Install 330705-02-18-10-02-00 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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



330705-02-18-10-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 330705-02-18-10-02-00 order code from the physical marking.
2	Use only matched 3300 XL 11 mm Proximity Transducer System probe, cable and Proximitior 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	330705-02-18-10-02-00
Physical interface	3300 XL 11 mm Proximity Transducer System
Companion check	Matched probe, extension cable and Proximitior 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 330705-02-18-10-02-00 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 330705-02-18-10-02-00 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	3/8-24 UNF
Mounting	Reverse mount
Fixed unthreaded length	0.2 in
Fixed case length	1.8 in

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	330705-02-18-10-02-00 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 330705-02-18-10-02-00?	Use only components from the documented 3300 XL 11 mm Proximity Transducer System.
Which order-code identity must be recorded for 330705-02-18-10-02-00?	Record the complete code, not only the base series number.
What target condition must be verified before gapping 330705-02-18-10-02-00?	Verify material, surface geometry and the approved measurement location.
What must be preserved before removing 330705-02-18-10-02-00?	Record gap voltage, channel configuration, cable route and connector condition.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Bently Nevada 21505-00-44-10-02	Open product page
Bently Nevada 21505-00-59-10-02	Open product page
Bently Nevada 21508-02-12-05-02	Open product page
Bently Nevada 21505-000-012-05-02	Open product page
Bently Nevada 21508-02-12-10-02	Open product page
Bently Nevada pwa123447-01	Open product page
Bently Nevada 21747-00-20-10-02	Open product page
Bently Nevada 21747-040-00	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	330705-02-18-10-02-00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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