

INDUSTRIAL AUTOMATION PRODUCT

330701-00-20-10-02-00

3300 XL 11 mm unarmored probe

Bently Nevada 330701-00-20-10-02-00 is a 3300 xl 11 mm unarmored probe in the 3300 XL 11 mm Proximity Transducer System. Its complete ordering code identifies the installed mechanical, cable, connector and approval configuration.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	330701-00-20-10-02-00
Product role	3300 XL 11 mm unarmored probe
System family	3300 XL 11 mm Proximity Transducer System
Country of origin	USA

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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330701-00-20-10-02-00

Technical Specifications

PARAMETER	VERIFIED VALUE
Thread	1/2-20 UNF
Armor	None
Unthreaded length	0.0 in
Case length	2.0 in
Total length	1.0 m
Connector	ClickLoc; standard cable
Approval	None

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Install 330701-00-20-10-02-00 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.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete 330701-00-20-10-02-00 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.

System Role and Architecture

Bently Nevada 330701-00-20-10-02-00 is a 3300 xl 11 mm unarmored probe in the 3300 XL 11 mm Proximity Transducer System. Its complete ordering code identifies the installed mechanical, cable, connector and approval configuration.

FUNCTION 1 3300 XL 11 mm unarmored probe	FUNCTION 2 None
FUNCTION 3 ClickLoc; standard cable	FUNCTION 4 None

Common Applications

APPLICATION	ENGINEERING CONTEXT
Radial vibration measurement	Observes shaft-to-probe motion in a matched proximity transducer loop.
Axial position monitoring	Measures controlled thrust or position displacement where the installation geometry is approved.
Keyphasor reference	Supports phase-reference or speed measurement under the manufacturer application guidance.
Machinery protection maintenance	Restores the exact documented component configuration during controlled service work.

CONTROLLED ACCEPTANCE DUTY Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.
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Engineering Precautions

NO.	PRECAUTION
1	Verify the complete 330701-00-20-10-02-00 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.
6	Confirm target material and geometry before setting the final gap.
7	Keep connector protection and shielding consistent with the selected order options.
8	Prove static gap, dynamic response and channel alarms before release.

Model-Specific FAQ — Part 1

QUESTION	ANSWER
What product family must be matched with 330701-00-20-10-02-00?	Use only components from the documented 3300 XL 11 mm Proximity Transducer System.
Which order-code identity must be recorded for 330701-00-20-10-02-00?	Record the complete code, not only the base series number.
What target condition must be verified before gapping 330701-00-20-10-02-00?	Verify material, surface geometry and the approved measurement location.
What must be preserved before removing 330701-00-20-10-02-00?	Record gap voltage, channel configuration, cable route and connector condition.

Model-Specific FAQ — Part 2

QUESTION	ANSWER
May its cable be shortened or spliced in service for 330701-00-20-10-02-00?	No unapproved shortening or splicing should be used; maintain the documented system length.
How should the coaxial connection be protected on 330701-00-20-10-02-00?	Keep it clean, dry and protected with the documented connector arrangement.
What commissioning checks are required for 330701-00-20-10-02-00?	Verify identity, continuity, gap voltage, dynamic response and monitor-channel diagnostics.
What evidence should be retained after installing 330701-00-20-10-02-00?	Retain the order code, installed position, mating components, gap value and functional-test results.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 21000-28-05-15-027-01-02	Open product page
Bently Nevada 21000-28-05-15-050-03-02	Open product page
Bently Nevada 21000-28-05-20-035-03-02	Open product page
Bently Nevada 21000-28-05-40-025-03-02	Open product page
Bently Nevada 21000-28-05-40-026-04-02	Open product page
Bently Nevada 21000-28-05-40-028-04-02	Open product page
Bently Nevada 21000-28-10-00-098-04-02	Open product page
Bently Nevada 21000-28-10-00-217-04-02	Open product page

MANUFACTURER SOURCE RECORD

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

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