Bently Nevada 330101-00-28-10-02-CN

COMPLETE PUBLISHED PRODUCT INFORMATION

Bently Nevada 330101-00-28-10-02-CN is a 3300 XL 8 mm proximity probe with 3/8-24 UNF case thread and without armor. It is the probe segment of a matched noncontact shaft measurement chain.

Product details

Manufacturer part number	330101-00-28-10-02-CN
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	1.5cm × 1.3cm × 121cm
Country of Origin	USA
Weight	0.05 kg

Overview

The 3300 XL 8 mm probe senses shaft-to-tip gap as one part of a probe, extension cable and 3300 XL 8 mm Proximitor Sensor chain.

The 330101 base number selects a 3300 XL 8 mm probe with 3/8-24 UNF mounting and without armor. The first two order groups set 0.0 in unthreaded length and 2.8 in overall case length. These dimensions are installation geometry: compare bracket depth, target clearance and the removed part before setting the probe gap.

The integral 1.0 m probe lead terminates in a miniature coaxial ClickLoc connector without connector protector. An extension cable completes the electrical run to the 3300 XL 8 mm Proximitor Sensor; select the probe and cable lengths for the matching sensor system length. A mechanically fitting connector alone does not establish an electrically matched chain.

The final option is CN country-specific option; confirm label. Inspect the actual marking and site classification before commissioning; retain the original monitor channel and target records. The probe must be checked in its installed chain under a controlled machine procedure rather than evaluated only as a loose component.

Alternative Names

Bently Nevada 330101 00 28 10 02 CN | 330101 order configuration 00 / 28 / 10 / 02 / CN

Technical specifications

Probe system	3300 XL 8 mm
Probe tip family	8 mm
Case thread	3/8-24 UNF
Cable armor	without armor
Unthreaded length	0.0 in
Overall case length	2.8 in
Integral probe length	1.0 m
Cable construction	standard
Connector	Miniature coaxial ClickLoc, without connector protector
Approval option	CN country-specific option; confirm label
Matching sensor	3300 XL 8 mm Proximitor Sensor

Technical notes

Code map	The first two groups set case geometry; the next group sets probe lead length; the last two select cable/connector and CN country-specific approval.
System applicability	These option meanings apply to the offered 330101-00-28-10-02-CN; system performance requires a matched 3300 XL 8 mm probe, extension cable and 3300 XL 8 mm Proximitor Sensor.
Technical reference	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN.

Technical source: Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN

Buyer information: Applications / Compatibility

System position: 330101-00-28-10-02-CN is the probe segment of the 3300 XL 8 mm Proximity Transducer System; the extension cable, sensor and monitor channel are separate interfaces. Application boundary: Use the manufacturer system data and the installed target geometry to decide measurement fit before replacing a probe.

Radial vibration and position	Confirm 3300 XL 8 mm target and monitor suitability; compare the original probe angle and bracket clearance.
Axial position review	Check target travel and the calibrated system range before setting the mechanical gap.
Speed or phase reference	Use a suitable target feature and compatible monitor channel; prove the event under controlled operation.
Installed-chain replacement	Match 3/8-24 UNF, 2.8 in case, 1.0 m lead, ClickLoc option and full approval marking.

Product Precautions

Read all code groups	Compare every group of 330101-00-28-10-02-CN with the removed part; a shared base number does not establish equal cable or case length.
Check mounting geometry	Confirm 3/8-24 UNF, 0.0 in unthreaded section and 2.8 in case against the bracket and target.
Match electrical length	Combine the 1.0 m probe lead with the extension cable and check the 3300 XL 8 mm Proximitor Sensor system-length marking.
Inspect ClickLoc	Keep the connector clean and verify the specified connector-protector arrangement before closing the joint.
Review site approval	Treat the order-code approval group as CN country-specific option; confirm label; compare the physical label with the site requirement.
Prove the channel	Record target condition, gap indication and a controlled dynamic or position response after fitting.

Ordering checks

Match the complete marking	Compare every order group of 330101-00-28-10-02-CN with the installed item and the applicable Bently Nevada system documentation.
Check the offered item before ordering	Request photos of the offered 330101-00-28-10-02-CN and included items. Have the maintenance team compare them with the installed equipment and applicable Bently Nevada documentation.

Lifecycle Status

330101-00-28-10-02-CN status	A current lifecycle phase for this exact complete configuration has not been confirmed.

Support and replacement	Compare the complete marking and documented measurement-chain or installation interfaces before selecting a replacement.
Apter Power availability	The offered quantity and dispatch date are confirmed separately in the quotation.

Available Unit Details

Offered reference	Bently Nevada 330101-00-28-10-02-CN. Condition: New, original product.
Identity check	Read 330101-00-28-10-02-CN as 330101 plus order groups 00 / 28 / 10 / 02 / CN; verify case, cable and approval groups against the installed marking.
Included items	The offered item is the 3300 XL 8 mm probe with its integral 1.0 m lead. Confirm extension cable, 3300 XL 8 mm Proximitor Sensor and mounting accessories separately in the quotation.

Engineering FAQ: integration

How should the installed measurement chain be matched when replacing 330101-00-28-10-02-CN?	Check the probe lead and extension cable lengths together against the 3300 XL 8 mm Proximitor Sensor marking, then compare the monitor channel configuration.
Why might 330101-00-28-10-02-CN fit a bracket but still produce the wrong gap reading?	3/8-24 UNF fit does not verify electrical length, target material, sensor calibration or gap. Compare the full chain and measure the baseline output before return to service.
What should be checked before setting the gap on 330101-00-28-10-02-CN?	Confirm the 2.8 in case reaches the intended target without collision, then use the site-approved static target position and monitor procedure.
How is the ClickLoc joint on 330101-00-28-10-02-CN checked after assembly?	Inspect contact cleanliness and full engagement, provide strain relief, and confirm the specified connector-protector arrangement matches the order group.

What happens after you enquire

Review your reference	Send the complete 330101-00-28-10-02-CN marking and installed-system identifiers for technical review.
Confirm the offer	Review the exact offered unit, included items, condition and quantity in the quotation.
Arrange dispatch	Confirm the accepted quantity and destination so dispatch can be arranged.

Engineering FAQ: service and acceptance

Can a different approval suffix be assumed equivalent to 330101-00-28-10-02-CN?	No. Compare the physical approval marking, installation drawing and site classification before selecting a suffix for a controlled area.
How should a noisy channel be isolated after installing 330101-00-28-10-02-CN?	Inspect target condition, ClickLoc joint, routing and shielding, then compare the probe-extension-sensor chain and monitor input under the approved diagnostic procedure.
What evidence is useful when accepting 330101-00-28-10-02-CN as a replacement?	Retain full component markings, installed geometry, target and baseline gap reading, plus a controlled response from the monitoring channel.
When should the extension cable be changed along with 330101-00-28-10-02-CN?	Change or reselect it when the existing cable and offered probe do not provide the sensor-required electrical length, or when connector/cable condition fails inspection.

Downloads

Technical reference: Apter Power exact-model dossier. Engineering guide: installation and commissioning procedure.

Related product references

Catalogue navigation only; compare the complete installed configuration before selection.

Bently Nevada 330101-04-36-05-02-05

Bently Nevada 330102-00-32-10-02-00

Bently Nevada 330909-00-30-10-02-00

Discuss the complete marking with Apter Power
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