330102-00-32-10-02-00

Bently Nevada | 3300 XL 8 mm Proximity Probe

Bently Nevada 330102-00-32-10-02-00 3300 XL 8 mm Proximity Probe

Product details

Manufacturer part number
330102-00-32-10-02-00

Shipping
Swift global dispatch

Condition
New, original product

Shipping size (est.)
1.6cm × 1.3cm × 71cm

Country of Origin
USA

Weight
0.1 kg

Overview

The 1.0 m lead is one part of the 3300 XL 8 mm sensing chain. Cable and sensor selection determine the calibrated total electrical length used by the monitor.

The 330102 construction is an armored, standard-mount 8 mm probe. The 00 and 32 options set a 0.0 in unthreaded section and 3.2 in overall case; verify bracket clearance and sensing position before setting the gap.

The 10 option gives this probe a 1.0 m integral cable. Pair it with a separately selected 3300 XL 8 mm extension cable and Proximitor Sensor so the combined length equals the sensor system-length marking. The 02 option uses a standard ClickLoc cable without a protector.

The final 00 option does not request agency approvals. Check the actual marking and the site installation requirements; do not infer hazardous-area approval from this ordering code.

Alternative Names

Bently Nevada 330102 00 32 10 02 00 | 3300 XL 8 mm armored probe, order code 330102 / 00 / 32 / 10 / 02 / 00

Technical specifications

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Probe tip diameter
8 mm

Case thread
3/8-24 UNF-2A

Probe cable armor
With armor

Unthreaded case length
0.0 in (option 00)

Overall case length
3.2 in (option 32)

Probe and integral cable length
1.0 m (option 10)

Cable construction
Standard cable

Connector
Miniature coaxial ClickLoc; no protector

Approval option
00: agency approval not requested

Probe mounting form
Standard mount

System matching
Use a 3300 XL 8 mm extension cable and Proximitor Sensor selected for the intended total system length

Technical notes

Ordering relationship: The five option groups separately define case geometry, integral cable length, connector and approvals; compare the complete marking rather than the 330102 base number alone.

Measurement chain: Use an extension cable and Proximitor Sensor selected for the same total 3300 XL 8 mm system length; calibration and output characteristics belong to that matched system.

Technical source: Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN. The ordering options identify this probe; system performance depends on a matched probe, extension cable and Proximitor Sensor.

Applications and precautions

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System and supply context: 330102-00-32-10-02-00 supplies the 1.0 m armored probe segment; choose the extension cable and sensor for the complete 3300 XL 8 mm chain unless already itemized.

Platform applications: A matched system can monitor noncontact shaft position and vibration on suitable machinery, subject to target material, mounting and calibration conditions.

Applications / Compatibility

Shaft vibration

Position the tip at the approved target and verify the installed monitor channel is configured for the matched 3300 XL 8 mm system.

Thrust position

Check the axial target and mechanical travel against the selected system range before setting the reference gap.

Speed and phase reference

Use a suitable target feature and monitoring input; verify the observed event timing with a controlled rotation test.

Legacy probe replacement

Compare the full 3.2 in case code, 1.0 m lead, armor, ClickLoc connector and 00 approval selection before reusing the installed extension cable and sensor.

Product Precautions

01 Confirm the complete code

Compare 330102-00-32-10-02-00 on the offered label with the maintenance record; a different case, length or connector changes the installed configuration.

02 Check mechanical clearance

Verify the 3/8-24 mounting thread, 0.0 in unthreaded section, 3.2 in case and cable armor fit the bracket and target before adjustment.

03 Preserve the matched length

Record the 1.0 m probe lead, extension cable and Proximitor Sensor part numbers; confirm their combined length against the sensor system-length marking.

04 Protect the connection

Keep the miniature coaxial ClickLoc connection clean and strain relieved. Verify any separately supplied protector against the installed arrangement.

05 Do not infer approvals

Option 00 does not request agency approvals. Verify the actual unit marking and site installation requirements before energizing.

06 Record baseline response

After installation, check gap voltage and controlled machine response using the approved monitor procedure before returning the channel to service.

Lifecycle and ordering

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Lifecycle Status

330102-00-32-10-02-00 status

A current lifecycle phase for this exact complete probe configuration has not been confirmed.

Support and replacement

Keep the armored 3300 XL 8 mm probe, extension cable and Proximitor Sensor within a matched system length; compare the 3.2 in case, connector and installed target before approving a replacement.

Apter Power availability

The offered unit quantity and dispatch date are confirmed separately in the quotation.

Available Unit Details

Offered reference

Bently Nevada 330102-00-32-10-02-00. Condition: New, original product.

Identity check

Check the complete 330102-00-32-10-02-00 marking: 00 unthreaded section, 32 case length, 10 integral cable, 02 ClickLoc connection and 00 approval selection. Match the installed case and system length.

Included items

Confirm whether a connector protector, extension cable, Proximitor Sensor and mounting hardware are included in the offer; they are separate unless itemized.

What happens after you enquire

1 Review your reference

Send the complete 330102-00-32-10-02-00 marking, installed cable and Proximitor Sensor references, and required quantity.

2 Confirm the offer

Review the offered probe condition, complete code, included accessories, quantity and dispatch date in the quotation.

3 Arrange dispatch

Confirm the accepted quantity and delivery destination so dispatch can be arranged.

Ordering checks

Match the complete marking

Match the complete 330102-00-32-10-02-00 marking, armored 3.2 in case, cable and 00 approval selection with the installed system before ordering.

Check the offered item before ordering

Request photos of the offered 330102-00-32-10-02-00 and have your maintenance team compare them with the installed probe and applicable Bently Nevada 3300 XL 8 mm documentation before ordering.

Technical FAQ and Downloads

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

How should the system length be checked when installing 330102-00-32-10-02-00?

Add the 1.0 m integral lead to the selected extension cable and compare the total with the Proximitor Sensor system-length marking. Check all three part numbers before adjusting the gap.

What mechanical checks matter before replacing 330102-00-32-10-02-00?

Compare the 3/8-24 case thread, 0.0 in unthreaded section, 3.2 in overall case, cable armor and target clearance with the removed assembly. Confirm the probe can be adjusted without target contact.

How can an intermittent signal on 330102-00-32-10-02-00 be isolated?

Inspect the ClickLoc junction for contamination or strain, then check cable continuity and monitor gap voltage under a controlled condition. Compare the response with the recorded channel baseline.

Does 330102-00-32-10-02-00 include a connector protector?

Option 02 specifies standard cable with a miniature coaxial ClickLoc connector and no protector. Confirm any required protector is separately itemized.

Downloads on the product page

330102-00-32-10-02-00 Technical Reference

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN; official excerpt, 6 pages.

330102-00-32-10-02-00 Installation & Commissioning Guide

Apter Power field guide covering complete-code checks, matched system length, installation and acceptance; 3 pages.

Use the published page controls for the technical reference and field guide. The View PDF control opens this product-page document.

Other Apter Power listings

- **Bently Nevada 330130-085-00-02**
- **Bently Nevada 330101-00-12-05-02-05**
- **Bently Nevada 330102-04-16-10-02-00**
- **Bently Nevada 330104-00-16-10-02-00**

Technical FAQ continued

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What does the final 00 approval option mean for 330102-00-32-10-02-00?

The datasheet identifies 00 as agency approval not requested. Do not treat this ordering code as proof of hazardous-area approval; review the actual marking and site drawing.

Can 330102-00-32-10-02-00 be treated as a complete proximity transducer system?

No. The ordered item is the armored probe. Verify the extension cable and Proximitor Sensor separately and confirm they form the intended calibrated 3300 XL 8 mm system.

What should be recorded during commissioning of 330102-00-32-10-02-00?

Record the probe, extension cable and sensor markings, installed target, gap voltage and controlled machine response. Compare them with the approved monitor setup.

Why might 330102-00-32-10-02-00 fit mechanically but give an incorrect reading?

A mechanically fitting probe can still be paired with an extension cable or Proximitor Sensor of the wrong total length. Check the 1.0 m lead and both companion markings before changing the monitor setup.

Other Apter Power listings

Bently Nevada 330104-00-24-10-02-00
Bently Nevada 330130-035-00-00
Bently Nevada 330103-00-07-20-02-00
Bently Nevada 330901-00-30-10-11-05

Ask about the complete marking

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