330104-00-05-10-11-05

Bently Nevada | 3300 XL 8 mm Proximity Probe

Bently Nevada 330104-00-05-10-11-05 3300 XL 8 mm Proximity Probe

Product details

Manufacturer part number
330104-00-05-10-11-05

Shipping
Swift global dispatch

Condition
New, original product

Shipping size (est.)
1.7cm × 1.5cm × 66cm

Country of Origin
USA

Weight
0.1 kg

Overview

The metric M10 x 1 probe and 1.0 m FluidLoc lead form one segment of the 3300 XL 8 mm measurement chain. Extension cable and sensor choices determine the calibrated total system length.

The 330104 construction uses an armored, metric standard-mount 8 mm probe. Option 00 specifies no unthreaded case section and option 05 specifies a 50 mm overall case length. Confirm bracket thread, insertion depth and target clearance before setting the gap.

Option 10 supplies a 1.0 m integral lead. Option 11 specifies FluidLoc cable and a miniature coaxial ClickLoc connector with protector. Match the probe and a separately selected extension cable to the installed Proximitor Sensor system length; verify that the protector and connection fit the enclosure.

The final 05 option specifies the listed agency approvals. Compare the offered unit marking and all installed components with the site hazardous-area drawing; the order code alone does not prove that the assembled installation satisfies every condition.

Alternative Names

Bently Nevada 330104 00 05 10 11 05 | 3300 XL 8 mm metric armored probe, order code 330104 / 00 / 05 / 10 / 11 / 05

Technical specifications

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Probe tip diameter
8 mm

Case thread
M10 x 1

Probe cable armor
With armor

Unthreaded case length
0 mm (option 00)

Overall case length
50 mm (option 05)

Probe and integral cable length
1.0 m (option 10)

Cable construction
FluidLoc cable (option 11)

Connector
Miniature coaxial ClickLoc with connector protector

Approval option
05: CSA, ATEX and IECEx approvals

Probe mounting form
Metric standard mount

System matching
Select a 3300 XL 8 mm extension cable and Proximitor Sensor for the intended total electrical length

Technical notes

Ordering relationship: The AA and BB fields identify metric case geometry; CC sets lead length; DD sets cable and connector; EE sets approvals. Compare all five fields.

Measurement chain: The probe, extension cable and Proximitor Sensor must be chosen for one total 3300 XL 8 mm system length; component geometry does not establish calibration.

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: 330104-00-05-10-11-05 supplies the 1.0 m metric armored probe segment with a protected FluidLoc connection. The extension cable and Proximitor Sensor must be matched to the complete electrical length.

Platform applications: A correctly matched 3300 XL 8 mm system can support noncontact shaft vibration, position or reference measurements when target, monitor channel and installation conditions are suitable.

Applications / Compatibility

Shaft vibration

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

Axial position

Check the shaft target and mechanical travel against the chosen system range before establishing the reference gap.

Speed or phase reference

Use a suitable target feature and compatible input, then validate event timing in a controlled rotation test.

Legacy replacement

Compare M10 x 1 thread, 50 mm case, 1.0 m FluidLoc lead, protected ClickLoc connector and 05 approval marking before reusing companion parts.

Product Precautions

01 Check the complete code

Compare the offered 330104-00-05-10-11-05 label with the maintenance record; a different case length, cable type or approval option changes the assembly.

02 Check metric mechanical fit

Verify the M10 x 1 thread, 0 mm unthreaded section and 50 mm case fit the bracket and permit adjustment without target contact.

03 Preserve system length

Record the 1.0 m probe lead, extension cable and Proximitor Sensor part numbers; compare their total electrical length with the sensor marking.

04 Protect the connection

Inspect the FluidLoc lead, ClickLoc mating surfaces and connector protector for clearance, contamination and strain relief.

05 Verify site approvals

Option 05 lists CSA, ATEX and IECEx. Confirm the actual unit marking and the site drawing before energizing the channel.

06 Record baseline response

After installation, check gap voltage and controlled machine response using the approved monitor procedure.

Lifecycle and ordering

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Lifecycle Status

330104-00-05-10-11-05 status

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

Support and replacement

Keep the metric armored probe, cable and Proximitor Sensor matched. Compare the 50 mm case, FluidLoc connector and approval marking before replacement.

Apter Power availability

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

Available Unit Details

Offered reference

Bently Nevada 330104-00-05-10-11-05. Condition: New, original product.

Identity check

Check the complete 330104-00-05-10-11-05 marking: metric armored 330104 probe, 00 unthreaded section, 05 case length, 10 integral lead, 11 FluidLoc cable with protector, and 05 approval selection.

Included items

The connector protector is specified by option 11. Confirm whether the extension cable, Proximitor Sensor and mounting hardware are included in the quotation; they are separate unless itemized.

What happens after you enquire

1 Review your reference

Send the complete 330104-00-05-10-11-05 marking, installed extension cable and sensor references, required quantity and site approval information.

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 metric assembly

Compare the offered 330104-00-05-10-11-05 with the installed M10 x 1 thread, 50 mm case, FluidLoc lead, protected ClickLoc connection and 05 approval selection.

Confirm the complete offer

Request photos of 330104-00-05-10-11-05 and itemization of companion cable, sensor and hardware before accepting the quotation.

Technical FAQ and Downloads

Bently Nevada | 330104-00-05-10-11-05

What case geometry does 330104-00-05-10-11-05 specify?

The 330104 metric armored construction uses M10 x 1 thread. Option 00 gives 0 mm unthreaded length and 05 gives 50 mm overall case length; check the bracket and target travel.

How should the system length be checked for 330104-00-05-10-11-05?

Combine its 1.0 m integral lead with the selected extension cable and compare the total with the Proximitor Sensor system-length marking before setting the gap.

What does connector option 11 add to 330104-00-05-10-11-05?

It specifies FluidLoc cable and a miniature coaxial ClickLoc connector with protector. Verify the actual protector and cable route fit the installed enclosure.

What approvals are indicated by the final 05 on 330104-00-05-10-11-05?

The datasheet lists CSA, ATEX and IECEx for option 05. Confirm the offered unit marking and the complete site installation against the applicable drawing.

Downloads on the product page

330104-00-05-10-11-05 Technical Reference

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN; original datasheet, 42 pages.

330104-00-05-10-11-05 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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Can the 330104-00-05-10-11-05 probe be used without a matched extension and sensor?

The ordered item is the probe segment. System response depends on a matched 3300 XL 8 mm extension cable and Proximitor Sensor selected for the intended total length.

Why might 330104-00-05-10-11-05 fit the bracket but read incorrectly?

Mechanical fit does not prove electrical length or monitor configuration. Compare the 1.0 m lead, extension cable, sensor marking and original channel baseline.

What should be inspected if 330104-00-05-10-11-05 gives an intermittent signal?

Check the protected ClickLoc junction, FluidLoc lead route, strain relief and cable continuity; then observe gap voltage under a controlled condition.

What should be recorded after installing 330104-00-05-10-11-05?

Record the full probe marking, companion cable and sensor numbers, target and gap readings, unit approval marks and controlled machine response.

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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