Bently Nevada 330105-02-12-10-12-05

Reverse Mount Probe / Product dashboard

This consolidated record joins Bently Nevada 330105-02-12-10-12-05 identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY

Bently Nevada 330105-02-12-10-12-05

PRODUCT ROLE

Reverse Mount Probe

PLATFORM

3300 XL 8 mm Proximity Transducer System

CONTROL BASIS

Exact evidence plus installed-system record

Base part	330105 reverse-mount 3300 XL 8 mm probe
Fixed geometry code	02-12
Mounting thread	3/8-24 UNF
Total-length option	10 - 1.0 m (3.3 ft)
Connector and cable option	12 - Miniature ClickLoc coaxial connector, FluidLoc cable
Agency-approval option	05 - CSA, ATEX and IECEx

The dashboard places 330105-02-12-10-12-05 identity, operating role and maintenance boundaries in one review surface for the 3300 XL 8 mm Proximity Transducer System installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Bently Nevada 330105-02-12-10-12-05

Reverse Mount Probe / Technical matrix

Base part	330105 reverse-mount 3300 XL 8 mm probe
Fixed geometry code	02-12
Mounting thread	3/8-24 UNF
Total-length option	10 - 1.0 m (3.3 ft)
Connector and cable option	12 - Miniature ClickLoc coaxial connector, FluidLoc cable
Agency-approval option	05 - CSA, ATEX and IECEx
One-metre chain arrangement	Probe connected directly to a 1.0 m Proximitor Sensor; no extension cable
Nominal scale factor	7.87 V/mm (200 mV/mil)
Linear range	2 mm (80 mil)
Recommended radial-vibration gap	Approximately 1.27 mm (50 mil), -9 V DC
Standard-probe temperature range	-52 to +177 deg C (-62 to +350 deg F)
Calibration target basis	AISI 4140 steel

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet

REVISION NOTE

Document 141194 Rev. AN, exact 330105 reverse-mount ordering table

Bently Nevada 330105-02-12-10-12-05

Reverse Mount Probe / Application architecture

Reverse-mount bearing housings

Places the 3/8-24 UNF probe through the documented reverse-mount sleeve arrangement.

Relative shaft vibration

Measures dynamic shaft motion within the calibrated 3300 XL 8 mm chain.

Axial position monitoring

Uses the static gap signal to observe shaft position in the documented linear range.

Hazardous-area machinery channels

Retains the exact 05 approval selection when installed under the applicable control drawings.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the 3300 XL 8 mm Proximity Transducer System context, 330105-02-12-10-12-05 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Bently Nevada 330105-02-12-10-12-05

Reverse Mount Probe / Risk and decision register

PRIMARY RISK

A mismatch between the 330105-02-12-10-12-05 label and the installed reverse mount probe record.

CONFIGURATION RISK

Loss of the 330105-02-12-10-12-05 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another 3300 XL 8 mm Proximity Transducer System item as automatically equivalent to 330105-02-12-10-12-05.

RELEASE RISK

Returning 330105-02-12-10-12-05 to control before diagnostics and functional response are witnessed.

Decision register

Which probe geometry is fixed by Bently Nevada 330105-02-12-10-12-05?

It is the 330105 reverse-mount execution with the fixed 02-12 geometry and 3/8-24 UNF thread.

Which cable construction is selected for Bently Nevada 330105-02-12-10-12-05?

The 12 option specifies a Miniature ClickLoc coaxial connector with FluidLoc cable.

Does Bently Nevada 330105-02-12-10-12-05 require an extension cable?

No. The manufacturer states that a one-metre system does not use an extension cable; the probe connects to the matching one-metre Proximitor Sensor.

Which linear range is documented for Bently Nevada 330105-02-12-10-12-05?

The matched 3300 XL 8 mm system has a 2 mm, or 80 mil, linear range.

Which probe length is encoded by Bently Nevada 330105-02-12-10-12-05?

The 10 option specifies a total probe length of 1.0 m, or 3.3 ft.

Which approvals are selected for Bently Nevada 330105-02-12-10-12-05?

The 05 suffix identifies the CSA, ATEX and IECEx approval option.

Which scale factor applies to Bently Nevada 330105-02-12-10-12-05?

The matched standard one-metre 3300 XL 8 mm system has a nominal 7.87 V/mm, or 200 mV/mil, scale factor.

What completes commissioning of Bently Nevada 330105-02-12-10-12-05?

Verify the exact chain identity, mechanical gap, polarity, scale, static position, dynamic response and every connected monitor alarm.

Decision closeout

Approve the 330105-02-12-10-12-05 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Bently Nevada 330105-02-12-10-12-05

Reverse Mount Probe / Canonical record and support

Canonical identity	Bently Nevada 330105-02-12-10-12-05
Product name	Reverse Mount Probe
Family	3300 XL 8 mm Proximity Transducer System
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Bently Nevada 330105-02-12-10-12-RU	View Bently Nevada 330105-02-12-10-12-RU page
Bently Nevada 330105-02-12-05-12-05	View Bently Nevada 330105-02-12-05-12-05 page

MANUFACTURER EVIDENCE RECORD

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet

Document 141194 Rev. AN, exact 330105 reverse-mount ordering table

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Send the exact model, quantity, destination and requested condition for a quotation.