

APTER POWER

330105-00-05-10-02-00

Proximity Probe

It is a unarmored 3/8-24 UNF reverse mount 3300 XL 8 mm probe with a Supplied 05 section; not decoded by current table case and 1.0 m integral lead.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 8 mm proximity transducer system
MODEL	330105-00-05-10-02-00
DOCUMENT	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330905-00-11-05-02-00	OPEN
02	Bently Nevada 990-08-50-01-05	OPEN
03	Bently Nevada 330851-04-000-030-10-00-05	OPEN
04	Bently Nevada 21000-28-05-00-133-04-02	OPEN
05	Bently Nevada 330190-040-00-05	OPEN
06	Bently Nevada 330101-00-70-10-02-05	OPEN

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EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330105-00-05-10-02-00

Exact-model technical record

Complete model	330105-00-05-10-02-00
Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Probe part family	330105 reverse-mount family
Mounting thread	3/8-24 UNF reverse mount
Cable armor	Unarmored
Unthreaded length	Supplied 00 section; not decoded by current table
Overall case length	Supplied 05 section; not decoded by current table

Probe lead length	1.0 m
Connector and cable option	ClickLoc standard cable
Approval option	No approvals
System linear range	2.0 mm (80 mils)
Scale factor	7.87 V/mm (200 mV/mil)
Frequency response	0 to 10 kHz
Nominal gap	1.27 mm (50 mils)
Ordering-code boundary	The current official 330105 table fixes the first geometry codes as 02-12; retain the supplied 00-05 identity

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System role and applications

Radial shaft vibration

Measures non-contacting shaft vibration in a matched 8 mm system.

Axial position

Tracks shaft position where the engineered target and mounting geometry support the measurement.

Phase reference

Supports phase-reference service when the monitor project assigns this probe accordingly.

Exact probe replacement

Preserves the published thread, case, lead and connector identity during maintenance.

ENGINEERING BOUNDARY

Verify 330105-00-05-10-02-00, the installed extension cable and Proximitar Sensor, target material, system length and gap before replacement. The current official 330105 table fixes the first geometry codes as 02-12; retain the supplied 00-05 identity without substituting standard geometry values.

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Model-specific engineering questions

Q1. What makes Bently Nevada 330105-00-05-10-02-00 a reverse-mount probe?

The 330105 construction uses a 3/8-24 UNF reverse-mount arrangement, so access, adjustment, and retention must follow that mounting direction.

Q2. How should technicians handle the supplied 00 and 05 mechanical codes on Bently Nevada 330105-00-05-10-02-00?

Preserve both codes exactly from the installed marking because the current standard table does not assign replacement values to those supplied positions.

Q3. Which lead and connector belong to Bently Nevada 330105-00-05-10-02-00?

The probe carries a 1.0 m unarmored integral lead and a ClickLoc standard-cable connector; avoid strain and contamination at the joint.

Q4. Does Bently Nevada 330105-00-05-10-02-00 carry an agency-approval option?

The final 00 position denotes no approval option, so it must not be substituted where the installed location requires a certified variant.

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Acceptance reference and related products

Q5. What matching rule applies to the 330105-00-05-10-02-00 signal chain?

Keep the reverse-mount probe, extension cable, and 3300 XL 8 mm Proximitor Sensor as one length-matched system.

Q6. Which displacement sensitivity should appear during a 330105-00-05-10-02-00 bench check?

A correctly assembled chain produces 7.87 V/mm (200 mV/mil) across the usable linear region.

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01	Bently Nevada 330905-00-11-05-02-00	OPEN
02	Bently Nevada 990-08-50-01-05	OPEN
03	Bently Nevada 330851-04-000-030-10-00-05	OPEN
04	Bently Nevada 21000-28-05-00-133-04-02	OPEN
05	Bently Nevada 330190-040-00-05	OPEN
06	Bently Nevada 330101-00-70-10-02-05	OPEN
07	Bently Nevada 330880-28-15-042-00-02	OPEN
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11	Bently Nevada 330171-00-08-90-01-05	OPEN