

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.

Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Complete model	330105-00-05-10-02-00
Source record	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 168209-0317-127-90-05-01	OPEN
02	Bently Nevada 143493-00-080-080-70-00	OPEN
03	Bently Nevada 21501-00-16-05-02	OPEN
04	Bently Nevada 330180-X1-05 MOD:143416-02	OPEN
05	Bently Nevada 330901-05-55-05-11-05	OPEN
06	Bently Nevada 74712-01-10-02-00	OPEN

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Exact-model technical record

Complete model	330105-00-05-10-02-00	Probe lead length	1.0 m
Manufacturer	Bently Nevada	Connector and cable option	ClickLoc standard cable
Product family	3300 XL 8 mm proximity transducer system	Approval option	No approvals
Probe part family	330105 reverse-mount family	System linear range	2.0 mm (80 mils)
Mounting thread	3/8-24 UNF reverse mount	Scale factor	7.87 V/mm (200 mV/mil)
Cable armor	Unarmored	Frequency response	0 to 10 kHz
Unthreaded length	Supplied 00 section; not decoded by current table	Nominal gap	1.27 mm (50 mils)
Overall case length	Supplied 05 section; not decoded by current table	Ordering-code boundary	The current official 330105 table fixes the

OFFICIAL SOURCE COVERAGE

Source 1	3300 XL 8 mm Proximity Transducer System Datasheet — Ordering Information, 141194 Rev. AN
Source 2	3300 XL 8 mm Proximity Transducer System Datasheet — Specifications, 141194 Rev. AN
Source 3	3300 XL 8 mm Proximity Transducer System Datasheet — Description and ordering notes, 141194 Rev. AN

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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 Proximity 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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01	Bently Nevada 168209-0317-127-90-05-01	OPEN
02	Bently Nevada 143493-00-080-080-70-00	OPEN
03	Bently Nevada 21501-00-16-05-02	OPEN
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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.

SOURCE IDENTIFIER

141194 Rev. AN

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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.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330901-05-55-05-11-05	OPEN
02	Bently Nevada 74712-01-10-02-00	OPEN
03	Bently Nevada 146054-14-10-02-00	OPEN
04	Bently Nevada 21000-34-05-00-040-03-02	OPEN
05	Bently Nevada 21000-32-05-00-038-03-02	OPEN
06	Bently Nevada 21000-34-05-00-036-03-02	OPEN
07	Bently Nevada 21000-34-05-00-022-03-02	OPEN
08	Bently Nevada 21000-28-05-40-028-04-02	OPEN
09	Bently Nevada 21000-00-00-15-226-03-02	OPEN
10	Bently Nevada 21000-16-10-00-167-04-02	OPEN
11	Bently Nevada 21000-00-00-00-41-04-02	OPEN
12	Bently Nevada 21000-16-10-00-054-04-02	OPEN

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