

330104-00-05-10-02-CN

Proximity Probe

It is a armored M10 x 1 3300 XL 8 mm probe with a 50 mm case and 1.0 m integral lead.

Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Complete model	330104-00-05-10-02-CN
Source record	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 84661-34	OPEN
02	Bently Nevada 190501-10-00-00	OPEN
03	Bently Nevada 200150-09-CN	OPEN
04	Bently Nevada 330130-045-00-00	OPEN
05	Bently Nevada 3500-94	OPEN
06	Bently Nevada 990-04-50-01-00	OPEN

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330104-00-05-10-02-CN

Exact-model technical record

Complete model	330104-00-05-10-02-CN	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	CN suffix; current standard table does not
Probe part family	330104	System linear range	2.0 mm (80 mils)
Mounting thread	M10 x 1	Scale factor	7.87 V/mm (200 mV/mil)
Cable armor	Armored	Frequency response	0 to 10 kHz
Unthreaded length	0 mm	Nominal gap	1.27 mm (50 mils)
Overall case length	50 mm	Ordering-code boundary	Treat CN as an exact supplied suffix and verify

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 330104-00-05-10-02-CN, the installed extension cable and Proximitior Sensor, target material, system length and gap before replacement. Treat CN as an exact supplied suffix and verify the installed certification record.

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02	Bently Nevada 190501-10-00-00	OPEN
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Model-specific engineering questions

Q1. How does the 50 mm case affect installation of Bently Nevada 330104-00-05-10-02-CN?

The probe has a 0 mm unthreaded section and 50 mm overall case, so the mounting depth and locknut position must preserve that shorter mechanical envelope.

Q2. What cable arrangement is built into Bently Nevada 330104-00-05-10-02-CN?

It combines a 1.0 m integral armored lead with a ClickLoc standard-cable connection; protect both the armor and coaxial interface during routing.

Q3. Why must the CN suffix remain with Bently Nevada 330104-00-05-10-02-CN?

CN is part of the supplied identity and is not decoded as a standard option here. Keep it tied to the nameplate and site certification record.

Q4. Which components create the measurement chain for Bently Nevada 330104-00-05-10-02-CN?

Use the probe with the matching 3300 XL 8 mm extension cable and Proximitar Sensor selected for the installed total system length.

SOURCE IDENTIFIER

141194 Rev. AN

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Acceptance reference and related products

Q5. What gap target should be used for Bently Nevada 330104-00-05-10-02-CN?

Set approximately 1.27 mm (50 mils) nominal gap on the approved conductive target, then confirm the corresponding stable gap voltage.

Q6. How should the 2.0 mm range be verified on Bently Nevada 330104-00-05-10-02-CN?

Move the target through the required operating travel and confirm the response remains linear within the 2.0 mm (80 mil) system range.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 3500-94	OPEN
02	Bently Nevada 990-04-50-01-00	OPEN
03	Bently Nevada 3500-45-176449-04	OPEN
04	Bently Nevada 330106-05-30-05-02-00	OPEN
05	Bently Nevada 330171-00-12-05-01-05	OPEN
06	Bently Nevada 330171-00-33-50-01-05	OPEN
07	Bently Nevada 330171-00-12-50-01-05	OPEN
08	Bently Nevada 86691-02150-0400-15-05	OPEN
09	Bently Nevada 330780-90-05-837097	OPEN
10	Bently Nevada 102045-040-01-05	OPEN
11	Bently Nevada 200150-06-CN	OPEN
12	Bently Nevada 200151-40-03-00	OPEN

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