

330103-00-03-10-02-CN

Proximity Probe

It is a unarmored M10 x 1 3300 XL 8 mm probe with a 30 mm case and 1.0 m integral lead.

Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Complete model	330103-00-03-10-02-CN
Source record	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330130-075-11-05	OPEN
02	Bently Nevada 330130-080-11-05	OPEN
03	Bently Nevada 330101-00-10-15-02-05	OPEN
04	Bently Nevada 330101-00-44-15-02-05	OPEN
05	Bently Nevada 330101-00-12-15-02-05	OPEN
06	Bently Nevada 330101-00-31-20-02-05	OPEN

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EMAIL sales13@apterpower.com

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Exact-model technical record

Complete model	330103-00-03-10-02-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	330103	System linear range	2.0 mm (80 mils)
Mounting thread	M10 x 1	Scale factor	7.87 V/mm (200 mV/mil)
Cable armor	Unarmored	Frequency response	0 to 10 kHz
Unthreaded length	0 mm	Nominal gap	1.27 mm (50 mils)
Overall case length	30 mm	Ordering-code boundary	Retain 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 330103-00-03-10-02-CN, the installed extension cable and Proximitior Sensor, target material, system length and gap before replacement. Retain CN as an exact supplied suffix and verify the certification record.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330130-075-11-05	OPEN
02	Bently Nevada 330130-080-11-05	OPEN
03	Bently Nevada 330101-00-10-15-02-05	OPEN
04	Bently Nevada 330101-00-44-15-02-05	OPEN

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Model-specific engineering questions

Q1. Where is the compact 30 mm case of Bently Nevada 330103-00-03-10-02-CN useful?

The 30 mm overall case with no unthreaded section suits an M10 x 1 position where clearance is limited, provided the tip and locknut remain accessible.

Q2. How is Bently Nevada 330103-00-03-10-02-CN connected to its extension cable?

A 1.0 m unarmored integral lead terminates in the ClickLoc standard-cable connection used by the matched 3300 XL 8 mm system.

Q3. What must stay traceable about the CN ending on Bently Nevada 330103-00-03-10-02-CN?

Keep the CN suffix with the exact probe and installed certification record; do not replace it with a guessed standard suffix.

Q4. Which target and gap conditions support Bently Nevada 330103-00-03-10-02-CN?

Use the engineered conductive target and establish approximately 1.27 mm nominal gap before evaluating the signal.

SOURCE IDENTIFIER

141194 Rev. AN

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Acceptance reference and related products

Q5. What slope should a displacement test produce for Bently Nevada 330103-00-03-10-02-CN?

Within the linear region, the matched chain should produce 7.87 V/mm (200 mV/mil).

Q6. How much linear travel is available from the 330103-00-03-10-02-CN system?

The usable system range is 2.0 mm (80 mils), so the mechanical operating window must remain inside that span.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330101-00-12-15-02-05	OPEN
02	Bently Nevada 330101-00-31-20-02-05	OPEN
03	Bently Nevada 330130-060-01-05	OPEN
04	Bently Nevada 330703-00-50-10-12-05	OPEN
05	Bently Nevada 330101-00-39-15-11-00	OPEN
06	Bently Nevada 990-05-70-03-01	OPEN
07	Bently Nevada 330930-060-07-05	OPEN
08	Bently Nevada 330908-00-60-10-01-00	OPEN
09	Bently Nevada 330902-00-90-05-02-00	OPEN
10	Bently Nevada 990-05-50-03-05	OPEN
11	Bently Nevada 21000-28-05-20-035-03-02	OPEN
12	Bently Nevada 32000-28-05-00-070-03-02	OPEN

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