

APTER POWER

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.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 8 mm proximity transducer system
MODEL	330103-00-03-10-02-CN
DOCUMENT	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330851-02-000-070-10-00-05	OPEN
02	Bently Nevada 129715-138-040-05-CN	OPEN
03	Bently Nevada 129715-138-40-05-05	OPEN
04	Bently Nevada 330901-00-08-05-11-05	OPEN
05	Bently Nevada 3500-05-02-04-01-00-00	OPEN
06	Bently Nevada 3500-15-114M5330-01	OPEN

APTER POWER SALES TEAM

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EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



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Exact-model technical record

Complete model	330103-00-03-10-02-CN
Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Probe part family	330103
Mounting thread	M10 x 1
Cable armor	Unarmored
Unthreaded length	0 mm
Overall case length	30 mm

Probe lead length	1.0 m
Connector and cable option	ClickLoc standard cable
Approval option	CN suffix; current standard table does not decode CN
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	Retain CN as an exact supplied suffix and verify the certification record.

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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 Proximity Sensor, target material, system length and gap before replacement. Retain CN as an exact supplied suffix and verify the certification record.

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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.

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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.

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04	Bently Nevada 330901-00-08-05-11-05	OPEN
05	Bently Nevada 3500-05-02-04-01-00-00	OPEN
06	Bently Nevada 3500-15-114M5330-01	OPEN
07	Bently Nevada 3500-42E-285691-01	OPEN

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