

APTER POWER

330103-10-20-10-02-00

Proximity Probe

It is a unarmored M10 x 1 3300 XL 8 mm probe with a 200 mm case and 1.0 m integral lead.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 8 mm proximity transducer system
MODEL	330103-10-20-10-02-00
DOCUMENT	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 24701-34-05-00-043-03-02	OPEN
02	Bently Nevada 21000-16-10-00-098-03-02	OPEN
03	Bently Nevada 21000-34-10-00-078-04-02	OPEN
04	Bently Nevada 21000-34-10-00-071-04-02	OPEN
05	Bently Nevada 31000-28-05-00-056-01-02	OPEN
06	Bently Nevada 330880-16-00-039-03-02	OPEN

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EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



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Exact-model technical record

Complete model	330103-10-20-10-02-00	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	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	100 mm	Nominal gap	1.27 mm (50 mils)
Overall case length	200 mm		

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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 330103-10-20-10-02-00, the installed extension cable and Proximitor Sensor, target material, system length and gap before replacement.

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Model-specific engineering questions

Q1. Why does Bently Nevada 330103-10-20-10-02-00 need extra insertion clearance?

Its M10 x 1 body includes a 100 mm unthreaded section and 200 mm overall case, so the bracket and withdrawal path must accommodate the long probe.

Q2. Which mechanical reference must be preserved for Bently Nevada 330103-10-20-10-02-00?

Record the installed insertion depth before loosening the locknuts; the long smooth section makes that reference critical to restoring probe position.

Q3. What lead arrangement accompanies Bently Nevada 330103-10-20-10-02-00?

It uses a 1.0 m unarmored integral lead with a ClickLoc standard-cable connection, routed without loading the long probe body.

Q4. Can Bently Nevada 330103-10-20-10-02-00 be used where an approval option is mandatory?

Not on the basis of this order code: the final 00 position denotes no approval selection.

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Acceptance reference and related products

Q5. How should the long probe be paired electrically?

Match it with the extension cable and 3300 XL 8 mm Proximitior Sensor that produce the documented total system length.

Q6. Which response value should be recovered after reinstalling Bently Nevada 330103-10-20-10-02-00?

The displacement slope should return to 7.87 V/mm (200 mV/mil) within the 2.0 mm linear range.

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01	Bently Nevada 24701-34-05-00-043-03-02	OPEN
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03	Bently Nevada 21000-34-10-00-078-04-02	OPEN
04	Bently Nevada 21000-34-10-00-071-04-02	OPEN
05	Bently Nevada 31000-28-05-00-056-01-02	OPEN
06	Bently Nevada 330880-16-00-039-03-02	OPEN
07	Bently Nevada 21000-16-10-00-077-03-02	OPEN

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11	Bently Nevada 350610-00-05	OPEN
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