

APTER POWER

330104-00-08-05-02-05

Proximity Probe

It is a armored M10 x 1 3300 XL 8 mm probe with a 80 mm case and 0.5 m integral lead.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 8 mm proximity transducer system
MODEL	330104-00-08-05-02-05
DOCUMENT	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330851-04-000-040-10-01-00	OPEN
02	Bently Nevada 330881-28-05-050-03-02	OPEN
03	Bently Nevada 21504-00-48-10-02	OPEN
04	Bently Nevada 129525-0050-02	OPEN
05	Bently Nevada 102044-00-32-10-02	OPEN
06	Bently Nevada 21000-11-05-00-085-03-02	OPEN

APTER POWER SALES TEAM

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EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



330104-00-08-05-02-05

Exact-model technical record

Complete model	330104-00-08-05-02-05
Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Probe part family	330104
Mounting thread	M10 x 1
Cable armor	Armored
Unthreaded length	0 mm
Overall case length	80 mm

Probe lead length	0.5 m
Connector and cable option	ClickLoc standard cable
Approval option	Multiple approvals
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)

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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 330104-00-08-05-02-05, the installed extension cable and Proximitar Sensor, target material, system length and gap before replacement.

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Model-specific engineering questions

Q1. Why does Bently Nevada 330104-00-08-05-02-05 require an M10 x 1 mounting position?

The 330104 probe construction uses an M10 x 1 thread, so the bracket or machine tapping must preserve that interface without adapters that alter probe position.

Q2. Which mechanical lengths must match when replacing Bently Nevada 330104-00-08-05-02-05?

Match the 0 mm unthreaded section and 80 mm overall case; either value changes the installed tip location and available adjustment.

Q3. How should the armored lead on Bently Nevada 330104-00-08-05-02-05 be routed?

Route the 0.5 m integral lead without twisting the armor, protect its bend radius, and keep the ClickLoc connection clean and strain-free.

Q4. What does the final 05 option change for Bently Nevada 330104-00-08-05-02-05?

Option 05 carries the multiple-approval identity. The replacement must agree with the certification record for the installed location.

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Acceptance reference and related products

Q5. What travel should be checked for the matched 330104-00-08-05-02-05 system?

A correctly matched 3300 XL 8 mm chain provides a 2.0 mm (80 mil) linear range; check the full intended travel without driving the probe outside that range.

Q6. Which sensitivity belongs in the monitor channel for Bently Nevada 330104-00-08-05-02-05?

Configure and verify 7.87 V/mm (200 mV/mil) for the matched probe, extension cable, and Proximitor Sensor.

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01	Bently Nevada 330851-04-000-040-10-01-00	OPEN
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04	Bently Nevada 129525-0050-02	OPEN
05	Bently Nevada 102044-00-32-10-02	OPEN
06	Bently Nevada 21000-11-05-00-085-03-02	OPEN
07	Bently Nevada 21000-15-10-00-166-03-02	OPEN
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11	Bently Nevada 330101-00-60-90-01-05	OPEN