

330101-00-30-50-02-00

Proximity Probe

It is a unarmored 3/8-24 UNF 3300 XL 8 mm probe with a 3.0 in case and 5.0 m integral lead.

Manufacturer	Bently Nevada
Product family	3300 XL 8 mm proximity transducer system
Complete model	330101-00-30-50-02-00
Source record	141194 Rev. AN

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330102-00-16-10-02-05	OPEN
02	Bently Nevada 330101-00-16-10-01-05	OPEN
03	Bently Nevada PN-173123	OPEN
04	Bently Nevada 3500-05-02-05-00-00-00	OPEN
05	Bently Nevada 16925-60	OPEN
06	Bently Nevada 107770-03-03	OPEN

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Exact-model technical record

Complete model	330101-00-30-50-02-00	Probe lead length	5.0 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	330101	System linear range	2.0 mm (80 mils)
Mounting thread	3/8-24 UNF	Scale factor	7.87 V/mm (200 mV/mil)
Cable armor	Unarmored	Frequency response	0 to 10 kHz
Unthreaded length	0.0 in	Nominal gap	1.27 mm (50 mils)
Overall case length	3.0 in		

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 330101-00-30-50-02-00, the installed extension cable and Proximity Sensor, target material, system length and gap before replacement.

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Model-specific engineering questions

Q1. Which inch-threaded mounting fits Bently Nevada 330101-00-30-50-02-00?

Use the 3/8-24 UNF mounting specified for the 330101 probe family and preserve the installed axial reference.

Q2. What case profile distinguishes Bently Nevada 330101-00-30-50-02-00?

Its ordering identity combines a 0.0 inch unthreaded section with a 3.0 inch overall case; both must match the available bracket depth.

Q3. How much integral lead must be accommodated for Bently Nevada 330101-00-30-50-02-00?

Plan the route for the full 5.0 m unarmored lead without coils, sharp bends, or tensile load at the ClickLoc connector.

Q4. Which certification boundary applies to Bently Nevada 330101-00-30-50-02-00?

The final 00 option carries no approval selection, so the application must not depend on an approval that is absent from this catalog identity.

SOURCE IDENTIFIER

141194 Rev. AN

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Acceptance reference and related products

Q5. What linear excursion can the 330101-00-30-50-02-00 transducer system measure?

The matched 3300 XL 8 mm system covers 2.0 mm (80 mils) of linear travel when target material and component lengths are correct.

Q6. How should a 200 mV/mil channel be checked with Bently Nevada 330101-00-30-50-02-00?

Apply a known displacement and compare it with the 7.87 V/mm response before accepting the monitor scaling.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 16925-60	OPEN
02	Bently Nevada 107770-03-03	OPEN
03	Bently Nevada 330180-X1-05 MOD:145004-10	OPEN
04	Bently Nevada 9200-09-01-06	OPEN
05	Bently Nevada 330180-X1-05 MOD:145004-102	OPEN
06	Bently Nevada 330930-045-04-00	OPEN
07	Bently Nevada 330173-03-08-05-02-05	OPEN
08	Bently Nevada 330101-16-40-05-01-05	OPEN
09	Bently Nevada 330104-00-03-50-02-00	OPEN
10	Bently Nevada 330876-02-90-00-00	OPEN
11	Bently Nevada 83607-00-96-05-02	OPEN
12	Bently Nevada 83607-00-48-05-02	OPEN

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