

Bently Nevada 330101-00-76-05-01-00

3300 XL 8 mm unarmored 3/8-24 UNF proximity probe

ORDER IDENTITY

330101 unarmored standard-mount probe, order options 00-76-05-01-00.

CONNECTION

0.5 m standard triaxial lead with protected ClickLoc termination.

SYSTEM ROLE

Non-contact shaft displacement sensing within the matched 3300 XL 8 mm chain.

MEASUREMENT BOUNDARY

The probe, extension cable where required, Proximitor sensor and monitor configuration together determine system performance. Confirm their installed pairing before use.

ENGINEERING RELEASE

Check exact identity, receiving thread, case clearance, target gap and controlled channel response after installation.

Technical at a glance

Code-resolved probe data; system figures are explicitly marked

Article	330101-00-76-05-01-00	Connector code / 01	Protected miniature coaxial ClickLoc
Probe family	3300 XL 8 mm standard-mount probe	Cable execution	Standard triaxial lead
Base-model execution	330101, unarmored	Approval code / 00	No added agency-approval option
Case thread	3/8-24 UNF	Probe case material	AISI 303 or 304 stainless steel
Unthreaded code / 00	0.0 in	Probe-tip material	Polyphenylene sulfide (PPS)
Case code / 76	7.6 in overall case	Matched-system scale	7.87 V/mm (200 mV/mil) nominal
Lead code / 05	0.5 m integral lead	Matched-system linear range	2 mm (80 mil) standard

Do not treat a related probe's case, lead or connector execution as interchangeable without checking every option code.

Configuration and signal path

A matched non-contact shaft-monitoring loop

SHAFT TARGET

A suitable conductive target passes the installed 8 mm probe tip without contact.

330101 PROBE

The exact unarmored 3/8-24 UNF case, standard 0.5 m lead and protected ClickLoc connector are retained.

MATCHED COMPONENTS

The selected extension cable and Proximitor preserve the installed system configuration.

MONITOR RESPONSE

The configured channel is gapped, diagnosed and tested for controlled vibration or position response.

Product FAQ

Eight option-code and maintenance decisions for the exact article

What does case code 76 mean on 330101-00-76-05-01-00?

It is the 7.6 in overall case length in the inch-series ordering format.

Which thread receives this 330101 probe?

The unarmored standard-mount case has a 3/8-24 UNF thread.

Is the 330101-00-76-05-01-00 lead armored?

No. The 330101 base model is the unarmored execution.

How long is this article's integral lead?

Lead option 05 specifies 0.5 m.

Does connector option 01 include protection?

Yes. It uses a miniature ClickLoc connector with its protector and standard lead.

Does approval code 00 identify a hazardous-area approval?

No. It is the no-additional-approval option, not the approval code 05.

Can a probe alone establish the channel scale?

No. Output performance depends on the complete matched 3300 XL 8 mm transducer chain.

Where can this probe be used?

A correctly matched chain can monitor non-contact shaft vibration or position in the approved machine installation.

Related system components

Navigation links only; not source evidence for the requested probe

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01	Bently Nevada 330180-X2-05 MOD:181634-01 View Bently Nevada 330180-X2-05 MOD:181634-01 page	02	Bently Nevada 330180-X1-05 MOD:145655-09 View Bently Nevada 330180-X1-05 MOD:145655-09 page
03	Bently Nevada 330180-X1-05 MOD:145004-81 View Bently Nevada 330180-X1-05 MOD:145004-81 page	04	Bently Nevada 330180-X1-05 MOD:145004-66 View Bently Nevada 330180-X1-05 MOD:145004-66 page
05	Bently Nevada 330180-X1-05 MOD:143416-42 View Bently Nevada 330180-X1-05 MOD:143416-42 page	06	Bently Nevada 330180-X1-05 MDO:143416-99 View Bently Nevada 330180-X1-05 MDO:143416-99 page
07	Bently Nevada 330130-040-03-00 STG-VY-1001-12 View Bently Nevada 330130-040-03-00 STG-VY-1001-12 page	08	Bently Nevada 330130-040-03-00 STG-VY-1001-11 View Bently Nevada 330130-040-03-00 STG-VY-1001-11 page

MANUFACTURER SOURCE RECORD

Baker Hughes / Bently Nevada, 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN, pp. 4-9 and 13-14.

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