

330101-00-76-05-01-00

3300 XL 8 mm unarmored standard-mount proximity probe

Exact article

The 330101 base model is the 3/8-24 UNF unarmored probe. Codes 00-76-05-01-00 select the unthreaded section, case, integral lead, connector and approval execution.

Installed chain

The probe is one component of a matched 3300 XL 8 mm system. Select the corresponding extension cable where required and the matching Proximitor sensor.

Measurement role

The non-contact probe detects shaft displacement for vibration and position monitoring when used with the approved target and configured channel.

Engineering boundary

The electrical scale and linear range are system properties, not probe-only guarantees. Preserve the exact configuration and verify response after maintenance.

Verified technical parameters

Code-resolved probe details and clearly labeled matched-system figures

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

The 3300 XL 8 mm datasheet gives ordering options and system-level performance separately. Keep these boundaries distinct when selecting replacement parts.

Probe-to-monitor signal path

The 330101 article must remain part of a matched transducer chain

PROBE TIP

The 8 mm tip senses the conductive shaft target without physical contact. Its mechanical condition and installed gap affect the measurement.

PROBE CASE

The 3/8-24 UNF standard-mount case is unarmored. Confirm the receiving thread and installed clearance before replacement.

LEAD AND CONNECTION

The standard 0.5 m integral lead ends at a protected miniature coaxial ClickLoc connector.

CABLE / PROXIMITOR

An extension cable and Proximitor sensor, where the selected system calls for them, must match the configured 3300 XL 8 mm chain.

CHANNEL VERIFICATION

Set the approved gap, check the monitor diagnostics and prove the controlled position or vibration response.

Model-specific questions

Eight decisions that follow the exact 330101-00-76-05-01-00 identity

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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MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



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