

Exact Probe Ordering Identity

Bently Nevada 330101-00-50-05-02-00

Bently Nevada 330101-00-50-05-02-00 is an unarmored 3300 XL 8 mm proximity probe with 3/8-24 UNF-2A mounting, a 0.5 m total probe length and a ClickLoc connector without protector and standard cable. It supports non-contact shaft monitoring only as part of a matched 3300 XL transducer system.

Decoded Manufacturer Code

ORDERING FIELD	DOCUMENTED SELECTION
Probe family	330101: 3300 XL 8 mm, 3/8-24 UNF-2A, unarmored
AA00 unthreaded	0.0 in
BB50 case	5.0 in
CC05 total	0.5 m
DD02 connector	ClickLoc connector without protector, standard cable
EE00 approval	Approval option not required

Measurement boundary

The published voltage, scale factor and frequency figures describe a complete matched 3300 XL 8 mm system under reference conditions. They are not independent ratings of this probe alone.

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Probe Materials and System Limits

Official Probe Facts

AREA	PUBLISHED VALUE
Tip	Polyphenylene sulfide (PPS).
Case	AISI 303 or 304 stainless steel.
Cable	75-ohm triaxial standard FEP-insulated probe lead.
Standard temperature	-52 to +177 C operating and storage for the probe.
Probe DC resistance	7.45 +/- 0.50 ohm

Matched-System Reference Values

SYSTEM FACT	REFERENCE CONDITION
Linear range	2 mm (80 mils) with approved target and complete 3300 XL chain.
Scale factor	7.87 V/mm (200 mV/mil) nominal for a standard matched system.
Frequency	0 to 10 kHz, +0/-3 dB with specified field wiring.
Calibration target	AISI 4140 steel; other target materials need separate validation.

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Questions, Source and Related Models

Exact-Model Questions

QUESTION	ANSWER
What mounting thread does this probe use?	The 330101 ordering family specifies a 3/8-24 UNF-2A thread.
Is the probe armored?	The 330101 family is the unarmored ordering version of the 3300 XL 8 mm probe.
What total probe length is ordered?	CC05 specifies a 0.5 m total length in the manufacturer's ordering table.

Manufacturer source

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN. Ordering-code evidence: pages 13-14; electrical, mechanical, environmental and system limits: pages 4-9. Related links are site navigation only.

Related Bently Nevada Products on Apter Power

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