

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Bently Nevada 330101-00-20-90-12-05
3300 XL 8 mm Probe



OFFICIAL 3300 XL 8 mm SERIES IMAGE

PRODUCT	THREAD	TOTAL LENGTH	SYSTEM
3300 XL 8 mm Probe	3/8-24 UNF	9.0 m / 29.5 ft	9.0 m Proximitors

Bently Nevada 330101-00-20-90-12-05 is a 3300 XL 8 mm proximity probe used as the sensing element in a 3300 XL 8 mm Proximity Transducer System. The probe is not a standalone measuring instrument; a compatible 9.0 m 3300 XL Proximitors Sensor is required for a complete measurement system.

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CURRENT PAGE PARAMETERS

Product Model	330101-00-20-90-12-05	Spare Model	330101-00-20-90-12-05
Product Parameters	3300 XL 8 mm Probe, 3/8-24 UNF thread, without armor		
Tariff Code	9031900090	Country of origin	USA
Place of shipment	Xiamen, China	In stock	1 unit
Estimated Shipping Size	Not published by the manufacturer	Manufacturer	Bently Nevada
Product Type	3300 XL 8 mm Probe	Ordering Number	330101-00-20-90-12-05
Case Thread	3/8-24 UNF	Armor	Without armor
Unthreaded Length	0.0 in	Overall Case Length	2.0 in
Total Length	9.0 m (29.5 ft)	Probe Tip Diameter	8.0 mm (0.31 in)
Cable and Connector	FluidLoc cable; miniature coaxial ClickLoc connector; no connector protector		
Standard Probe Temperature Range	-52°C to +177°C (-62°F to +350°F), operating and storage		
Series-level Typical Probe Weight	323 g/m (11.4 oz), published per meter		

Source scope: product, inventory, tariff, origin, shipment, and parameter fields above were read from the current Amikong product page. Technical configuration was cross-checked against official manufacturer Datasheet 141194 Rev. AM.

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ORDERING CODE VERIFICATION

330101	3300 XL 8 mm probe, 3/8-24 UNF thread, without armor
00	0.0 in unthreaded length
20	2.0 in overall case length
90	9.0 m (29.5 ft) total probe length
12	Miniature coaxial ClickLoc connector; FluidLoc cable; no connector protector
05	CSA, ATEX, and IECEx approval option

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SYSTEM ROLE AND APPLICATIONS

The complete 9.0 m system uses this 9.0 m probe directly with a compatible 9.0 m 3300 XL Proximity Sensor; no extension cable is used in this configuration. Officially stated system applications are:

- Vibration measurement on fluid-film bearing machines
- Position measurement on fluid-film bearing machines
- Keyphasor reference measurement
- Speed measurement

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OFFICIAL INSTALLATION FACTS

- Maximum 3/8-24 thread engagement: 0.563 in.
- Minimum cable bend radius: 25.4 mm (1.0 in).
- Tighten the ClickLoc connector finger tight; maximum torque 0.565 N*m (5 in*lb).
- Use the product marking and the current controlled manufacturer drawing for hazardous-area installation.

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OFFICIAL DOCUMENTATION

[Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet - 141194 Rev. AM](#)

Controlled references named in the official data sheet: System Manual 141078, installation drawings 140979 and 141092, and Approvals Quick Reference Guide 108M1756. Obtain current revisions through the manufacturer Media Library.

Prepared by Amikon Limited from the current Amikong product page and official Datasheet 141194 Rev. AM. This draft is not a manufacturer-issued data sheet.

AMIKON PRODUCT SUPPORT
Amikon Limited
[+86-18020776786](tel:+86-18020776786) | INFO@AMIKON.CN

ONLINE RESOURCES
[PRODUCT PAGE](#)
AMIKONG.COM