

INDUSTRIAL AUTOMATION PRODUCT

330876-02-50-00-00

3300 XL 50 mm proximity probe

Large-range non-contacting proximity signal

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 50 mm proximity transducer system
Part number	330876-02-50-00-00

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
Complete model	330876-02-50-00-00
Manufacturer	Bently Nevada
Product family	3300 XL 50 mm proximity transducer system
Probe case	M14 x 1.5 thread
Total length	5.0 m
Cable option	High Temperature FluidLoc cable
Armor	None
Agency approval	None
Five-metre matching	For use with the 5.0 m Proximitor Sensor

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3300 XL 50 mm proximity transducer system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Uses an M14 x 1.5 threaded case
Controlled acceptance duty	Radial shaft vibration

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System Role and Architecture

Large-range non-contacting proximity signal

FUNCTION 1

Uses an M14 x 1.5 threaded case

FUNCTION 2

Has a 5.0 m total length

FUNCTION 3

Uses high-temperature FluidLoc cable

FUNCTION 4

Requires the matching 5.0 m Proximitor Sensor

Matched system components

- 3300 XL 50 mm proximity transducer system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3300 XL 50 mm proximity transducer system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Uses an M14 x 1.5 threaded case
Controlled acceptance duty	Radial shaft vibration

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Applications and Engineering Context

Radial shaft vibration

Uses an M14 x 1.5 threaded case

Shaft position

Has a 5.0 m total length

Machinery protection

Uses high-temperature FluidLoc cable

Controlled replacement

Requires the matching 5.0 m Proximitior Sensor

TECHNICAL NOTE

The 5.0 m probe is documented for use only with the 5.0 m Proximitior Sensor.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330876-02-50-00-00 / 330876-02-50-00-00 recorded
Physical interface	3300 XL 50 mm proximity transducer system
Companion check	documented companion hardware
Functional proof	Uses an M14 x 1.5 threaded case
Application test	Radial shaft vibration

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Engineering Precautions

- 1 Verify the complete 330876-02-50-00-00 marking and the assigned 3300 XL 50 mm proximity transducer system position before work.
- 2 Place the connected machinery and monitoring channel in the approved maintenance state before handling 330876-02-50-00-00.
- 3 Isolate every documented supply and field circuit before disconnecting 330876-02-50-00-00.
- 4 Record the installed connectors, conductors, cable routing and configuration associated with 330876-02-50-00-00.
- 5 Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 330876-02-50-00-00.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330130 046 00 06	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330130 046 00 06 page
Bently Nevada 330525 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330525 00 page
Bently Nevada 330877 080 37 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330877 080 37 00 page
Bently Nevada 330909 00 80 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330909 00 80 10 02 00 page
Bently Nevada 330703 000 050 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330703 000 050 10 02 00 page
Bently Nevada 330703 000 060 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330703 000 060 10 02 00 page
Bently Nevada 330103 00 16 10 12 CN	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330103 00 16 10 12 CN page
Bently Nevada 330104 00 04 50 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330104 00 04 50 02 00 page

MANUFACTURER SOURCE RECORD

3300 XL 50 mm Proximity Transducer System Datasheet

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