

INDUSTRIAL AUTOMATION PRODUCT

330709-000-040-50-02-00

Proximity Probe

Bently Nevada 330709-000-040-50-02-00 is an unarmored M16 x 1.5 3300 XL 11 mm probe with a 40 mm case and 5.0 m lead.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 System
Part number	330709-000-040-50-02-00

APTER POWER SALES TEAM

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
probe family	3300 XL 11 mm
probe model	330709
mounting thread	M16 x 1.5
armor	without armor
unthreaded length	0 mm
overall case length	40 mm
total probe length	5.0 m
connector	miniature ClickLoc coaxial connector, standard cable
agency approval option	not required

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Bently Nevada 3300 System
Companion hardware	the documented companion module
Field connection	approved field wiring
Primary system function	Uses an 11 mm proximity tip
Controlled acceptance duty	Axial thrust position

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System Role and Architecture

Bently Nevada 330709-000-040-50-02-00 is an unarmored M16 x 1.5 3300 XL 11 mm probe with a 40 mm case and 5.0 m lead.

FUNCTION 1
Uses an 11 mm proximity tip

FUNCTION 2
Provides an M16 x 1.5 metric thread

FUNCTION 3
Uses a 40 mm unarmored case

FUNCTION 4
Includes a 5.0 m standard lead

Matched system components

- Bently Nevada 3300 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Bently Nevada 3300 System
Companion hardware	the documented companion module
Field connection	approved field wiring
Primary system function	Uses an 11 mm proximity tip
Controlled acceptance duty	Axial thrust position

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Applications and Engineering Context

Axial thrust position

Uses an 11 mm proximity tip

Ramp differential expansion

Provides an M16 x 1.5 metric thread

Rod drop measurement

Uses a 40 mm unarmored case

Long-range probe replacement

Includes a 5.0 m standard lead

TECHNICAL NOTE

Use a compatible five-metre 3300 XL 11 mm Proximator system and preserve target, gap, bend radius and connector condition.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330709-000-040-50-02-00 / 330709-000-040-50-02-00 recorded
Physical interface	Bently Nevada 3300 System
Companion check	the documented companion module
Functional proof	Uses an 11 mm proximity tip
Application test	Axial thrust position

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Engineering Precautions

1

Verify the complete 330709-000-040-50-02-00 marking and its assigned Bently Nevada 3300 System position before work.

2

Place the connected axial thrust position process in the approved maintenance state.

3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.

4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.

5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

RELATED PRODUCTS ON APTER POWER

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KEYENCE CA CH10	Related industrial automation product	View KEYENCE CA CH10 page
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MANUFACTURER SOURCE RECORD

3300 XL 11 mm Proximity Transducer System Datasheet

146256 Rev. T

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