

INDUSTRIAL AUTOMATION PRODUCT

330704-000-050-10-02-05

3300 XL 11 mm Armored Proximity Probe

Bently Nevada 330704-000-050-10-02-05 is an armored M14 x 1.5 3300 XL 11 mm probe with 0 mm unthreaded length, 50 mm case length, 1.0 m lead, standard ClickLoc connector and multiple approvals.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 XL 11 mm proximity system
Part number	330704-000-050-10-02-05
Origin / HS	USA / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm 330704-000-050-10-02-05, matched 3300 XL 11 mm extension cable and Proximitor Sensor loop, M14 x 1.5 mounting thread, armored lead and ClickLoc connector, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

System Role and Architecture

Bently Nevada 330704-000-050-10-02-05 is an armored M14 x 1.5 3300 XL 11 mm probe with 0 mm unthreaded length, 50 mm case length, 1.0 m lead, standard ClickLoc connector and multiple approvals.

FUNCTION 1
Uses an armored M14 x 1.5 probe body

FUNCTION 2
Provides a 50 mm case and 1.0 m lead

FUNCTION 3
Uses the standard ClickLoc connector

FUNCTION 4
Supports documented radial, axial and phase-reference duties

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3300 XL 11 mm proximity system
02	matched 3300 XL 11 mm extension cable and Proximitors Sensor loop
03	M14 x 1.5 mounting thread, armored lead and ClickLoc connector
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 XL 11 mm proximity system
Interface role	noncontact shaft vibration and position measurement
Field / power context	matched 3300 XL 11 mm extension cable and Proximitors Sensor loop
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 330704-000-050-10-02-05 marking and controlled maintenance record before work.
- 2

Place the matched 3300 XL 11 mm extension cable and Proximitors Sensor loop and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting 330704-000-050-10-02-05.
- 4

Record the installed position, M14 x 1.5 mounting thread, armored lead and ClickLoc connector, polarity, shielding and grounding.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Probe family	330704 armored 11 mm probe
Thread	M14 x 1.5
Unthreaded length	0 mm
Case length	50 mm
Total length	1.0 m

PARAMETER	VALUE
Connector	Standard miniature coaxial ClickLoc
Approval	Multiple approvals
Country of origin	USA
HS code	8537101190

ENGINEERING BOUNDARY

Confirm 330704-000-050-10-02-05, matched 3300 XL 11 mm extension cable and Proximitior Sensor loop, M14 x 1.5 mounting thread, armored lead and ClickLoc connector, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 330704-000-050-10-02-05 marking and controlled maintenance record before work.
- 2

Place the matched 3300 XL 11 mm extension cable and Proximitior Sensor loop and associated machine or process in the approved
- 3

Isolate the documented power, signal and protection circuits before disconnecting 330704-000-050-10-02-05.
- 4

Record the installed position, M14 x 1.5 mounting thread, armored lead and ClickLoc connector, polarity, shielding and grounding.

Applications and Engineering Context

Radial vibration monitoring

Measures noncontact shaft motion with a matched 11 mm loop.

Axial position monitoring

Measures shaft position with documented target geometry.

Keyphasor reference

Supports phase-reference measurement in a matched system.

Probe replacement

Preserves case, armor, connector and system length.

TECHNICAL NOTE

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MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330704-000-050-10-02-05 recorded
Host / carrier	Bently Nevada 3300 XL 11 mm proximity system
Physical interface	M14 x 1.5 mounting thread, armored lead and ClickLoc connector matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled noncontact shaft vibration and position measurement response recorded

IMPORTANT NOTICE

Confirm 330704-000-050-10-02-05, matched 3300 XL 11 mm extension cable and Proximito Sensor loop, M14 x 1.5 mounting thread, armored lead and ClickLoc connector, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330903-00-07-10-01-CN
02	Bently Nevada 330903-00-07-10-01-00
03	Bently Nevada 330162-03-45-45-45-05-05-94-01-02
04	Bently Nevada 330101-00-60-90-01-05
05	Bently Nevada 330104-11-25-10-02-00
06	Bently Nevada 330102-04-25-10-02-00
07	Bently Nevada 330910-00-07-05-02-CN
08	Bently Nevada 330910-00-07-05-02-05

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

3300 XL 11 mm Proximity Transducer System Datasheet | Bently Nevada publication 146256 Rev. T

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