

INDUSTRIAL AUTOMATION PRODUCT

330103-00-11-10-02-CN

Proximity Probe

Bently Nevada 330103-00-11-10-02-CN is an unarmored M10 x 1 3300 XL 8 mm proximity probe with 110 mm case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 8 mm Proximity Transducer System
Part number	330103-00-11-10-02-CN

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



2

Technical Specifications

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

PARAMETER	VALUE
probe family	3300 XL 8 mm
mounting thread	M10 x 1
cable protection	Unarmored
unthreaded length code	0 mm
overall case-length code	110 mm
total probe-lead length	1.0 m

PARAMETER	VALUE
connector and cable option	miniature ClickLoc coaxial connector with standard cable
agency-approval option	CN suffix retained as supplied; verify from nameplate
linear measurement range	2.0 mm (80 mils)
incremental scale factor	7.87 V/mm (200 mV/mil)
frequency response	0 to 10 kHz, +0/-3 dB
recommended gap	approximately 1.27 mm (50 mils) at -9 V DC

PUBLISHED REFERENCE CONDITIONS

CONDITION	VALUE
-----------	-------



3

System Role and Architecture

Bently Nevada 330103-00-11-10-02-CN is an unarmored M10 x 1 3300 XL 8 mm proximity probe with 110 mm case identity, 1.0 m probe lead and miniature clickloc coaxial connector with standard cable.

FUNCTION 1

Uses the 3300 XL 8 mm transducer architecture

FUNCTION 2

Provides the documented M10 x 1 mounting identity

FUNCTION 3

Retains the 1.0 m probe-lead option

FUNCTION 4

Uses the miniature clickloc coaxial connector with standard cable connection option

Matched system components

- matched 3300 XL 8 mm extension cable
- compatible 3300 XL Proximito Sensor
- approved target surface
- configured monitor channel

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	matched 3300 XL 8 mm extension cable
Companion hardware	compatible 3300 XL Proximito Sensor
Field connection	approved target surface
Primary system function	Uses the 3300 XL 8 mm transducer architecture
Controlled acceptance duty	Radial shaft vibration



4

Applications and Engineering Context

Radial shaft vibration

Uses the 3300 XL 8 mm transducer architecture

Axial position monitoring

Provides the documented M10 x 1 mounting identity

Phase reference measurement

Retains the 1.0 m probe-lead option

Exact probe replacement

Uses the miniature clickloc coaxial connector with standard cable connection option

TECHNICAL NOTE

The official 3300 XL 8 mm order table does not decode the supplied CN suffix as a standard approval code; retain CN exactly and verify it against the nameplate and controlled drawing.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330103-00-11-10-02-CN / 330103-00-11-10-02-CN recorded
Physical interface	matched 3300 XL 8 mm extension cable
Companion check	compatible 3300 XL Proximitior Sensor
Functional proof	Uses the 3300 XL 8 mm transducer architecture
Application test	Radial shaft vibration



5

Engineering Precautions

- 1 Verify the complete 330103-00-11-10-02-CN marking and its assigned 3300 XL 8 mm Proximity Transducer System position before work.
- 2 Place the connected radial shaft vibration process in the approved maintenance state.
- 3 Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4 Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5 Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Siemens 6ED1052 1MD00 0BA5	Bently Nevada monitoring product	Open Bently Nevada page
Siemens 6ES7153 2AA02 0XB0	Bently Nevada monitoring product	Open Bently Nevada page
GE IC693CHS397	Bently Nevada monitoring product	Open Bently Nevada page
GE IC200MDL241	Bently Nevada monitoring product	Open Bently Nevada page
GE IC697CMM742	Bently Nevada monitoring product	Open Bently Nevada page
GE IC697CHS790	Bently Nevada monitoring product	Open Bently Nevada page
GE IC698PSA350	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell MC TSTX03 51309140 175	Bently Nevada monitoring product	Open Bently Nevada page
GE IC695CPE305	Bently Nevada monitoring product	Open Bently Nevada page
Schneider Electric AD4000189 530	Bently Nevada monitoring product	Open Bently Nevada page

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet

141194 Rev. AM

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

