

330103-00-11-50-02-00

8 mm Probe

Bently Nevada 330103-00-11-50-02-00 is a 3300 XL 8 mm proximity probe with an M10 x 1 thread, 110 mm case and 5.0 m system length. It uses the miniature coaxial ClickLoc connector for the documented 3300 XL transducer chain.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330103-00-11-50-02-00	PRODUCT	8 mm Probe
FAMILY	3300 XL 8 mm Proximity Transducer System	SOURCE	Baker Hughes / Bently Nevada publication 141194 Rev. AM

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes / Bently Nevada publication 141194 Rev. AM

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Product Overview

SYSTEM FUNCTION

Bently Nevada 330103-00-11-50-02-00 is a 3300 XL 8 mm proximity probe with an M10 x 1 thread, 110 mm case and 5.0 m system length. It uses the miniature coaxial ClickLoc connector for the documented 3300 XL transducer chain.

FUNCTION 1

8 mm proximity sensing tip

FUNCTION 2

M10 x 1 threaded mounting

FUNCTION 3

5.0 m matched system length

FUNCTION 4

Miniature coaxial ClickLoc connection

TECHNICAL NOTE

Match the probe, extension cable and 5 m 3300 XL Proximitors as one approved system. Confirm the AISI 4140 target, mounting geometry, total electrical length and connector condition before calibration or release.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	330103-00-11-50-02-00
Probe family	330103 standard-mount probe without armor
Probe tip	8 mm
Mounting thread	M10 x 1
Unthreaded length option	00 = 0 mm
Overall case length	11 = 110 mm
Total system length	50 = 5.0 m
Connector option	02 = miniature coaxial ClickLoc, standard cable
Agency approval option	00 = no agency approval
Calibration target	AISI 4140 steel
Country of origin	USA

ENGINEERING BOUNDARY

Match the probe, extension cable and 5 m 3300 XL Proximitor Sensor as one approved system. Confirm the AISI 4140 target, mounting geometry, total electrical length and connector condition before calibration or release.

Acceptance Path

1 IDENTITY

The complete Bently Nevada model is recorded.

2 MECHANICAL

Probe, bracket and cable routing match the approved design.

3 ELECTRICAL

The matched 5 m transducer chain is intact.

4 MEASUREMENT

Static gap and dynamic response are acceptable.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
Shaft radial vibration	Measures dynamic shaft-relative motion through the matched 3300 XL transducer chain.
Axial position	Measures static shaft position when installed with the approved target and geometry.
Keyphasor reference	Supports speed and phase-reference measurement in the documented machine arrangement.
Machinery protection	Provides the probe element for compatible Bently Nevada monitoring channels.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Bently Nevada 330103-00-11-50-02-00?	It is a standard-mount 3300 XL 8 mm proximity probe with the documented M10 x 1 thread and 5.0 m system length.
What does 330103 identify?	It identifies the M10 x 1 standard-mount probe style without armor.
What case length is specified?	Option 11 identifies a 110 mm overall case length.
What system length is specified?	Option 50 identifies a 5.0 m total system length.

FAQ, Related Products and Source

QUESTION	ANSWER
Which connector is used?	Option 02 identifies the miniature coaxial ClickLoc connector with standard cable.
Does this model include agency approval?	Option 00 identifies no agency approval for this configured probe.
Which target material is used for standard calibration?	The 3300 XL 8 mm system is calibrated to AISI 4140 steel unless another approved target correction is used.
What confirms successful commissioning?	The mechanical installation is secure, the static gap is correct and the monitored dynamic response agrees with the approved baseline.

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes / Bently Nevada publication 141194 Rev. AM

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 125728-01	View Bently Nevada 125728-01
Bently Nevada 125736-01	View Bently Nevada 125736-01
Bently Nevada 125760-01	View Bently Nevada 125760-01
Bently Nevada 126615-01	View Bently Nevada 126615-01
Bently Nevada 126632-01	View Bently Nevada 126632-01
Bently Nevada 126648-01	View Bently Nevada 126648-01
Bently Nevada 128031-01C	View Bently Nevada 128031-01C
Bently Nevada 128031-01D	View Bently Nevada 128031-01D

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