

INDUSTRIAL AUTOMATION PRODUCT

330193-09-20-10-00

Extended Temp Probe

Bently Nevada 330193-09-20-10-00 is a 330193 extended-temperature metric 3300 XL 8 mm proximity probe for shaft-relative vibration and position measurement. It uses the documented high-temperature miniature coaxial connection within a matched probe, cable and Proximitor Sensor chain.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	330193-09-20-10-00
Product role	Extended Temp Probe
System family	Industrial automation
Source record	Baker Hughes / Bently Nevada publication 141194 Rev. AM

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	330193-09-20-10-00
System family	3300 XL 8 mm proximity transducer system
Probe construction	330193 extended-temperature metric; unarmored
Mounting format	M10 x 1
Connector option	high-temperature miniature coaxial connection
Approval control	00 specifies that agency approval is not required.
Calibration target	AISI 4140 steel under published conditions
Nominal scale factor	7.87 V/mm (200 mV/mil) for the matched system
Frequency response	0 to 10 kHz, +0/-3 dB under published conditions
Standard probe temperature rating	-52 to +177 deg C

ENGINEERING BOUNDARY

Use 330193-09-20-10-00 only in the documented matched 3300 XL 8 mm transducer chain. Verify the exact nameplate, M10 x 1 mounting, high-temperature miniature coaxial connection, target material, static gap and channel response before release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130732-01	View Bently Nevada 130732-01
Bently Nevada 130938-01-10-01	View Bently Nevada 130938-01-10-01
Bently Nevada 133434-01	View Bently Nevada 133434-01
Bently Nevada 133819-01	View Bently Nevada 133819-01

System Role and Common Applications

Bently Nevada 330193-09-20-10-00 is a 330193 extended-temperature metric 3300 XL 8 mm proximity probe for shaft-relative vibration and position measurement. It uses the documented high-temperature miniature coaxial connection within a matched probe, cable and Proximitor Sensor chain.

FUNCTION 1

330193 extended-temperature metric ordering family

FUNCTION 2

Unarmored probe construction

FUNCTION 3

high-temperature miniature coaxial connection

FUNCTION 4

Matched 3300 XL 8 mm signal chain

APPLICATION	ENGINEERING CONTEXT
Radial shaft vibration	Measures shaft-relative vibration through the approved matched transducer chain.
Axial position	Provides static shaft-position input with the approved target and gap.
Keyphasor reference	Supports documented phase and speed reference arrangements.
Machinery protection	Supplies a compatible Bently Nevada monitor channel with the conditioned proximity signal.

ACCEPTANCE DUTY

Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
1	Verify the complete 330193-09-20-10-00 marking before work.
2	Confirm the M10 x 1 mounting format.
3	Protect the high-temperature miniature coaxial connection from impact and contamination.
4	Keep probe and cable routing isolated from damage and electrical interference.
5	Use the documented target material or an approved correction.
6	Match the probe, extension cable and Proximito Sensor as one system.
7	Set the static gap only with the current manufacturer procedure.
8	Verify polarity, gap voltage and dynamic response before release.

QUESTION	ANSWER
What is Bently Nevada 330193-09-20-10-00?	It is a 330193 extended-temperature metric 3300 XL 8 mm proximity probe for a matched non-contacting transducer system.
Which mounting format applies to Bently Nevada 330193-09-20-10-00?	The official ordering family identifies the M10 x 1 mounting format.
Is Bently Nevada 330193-09-20-10-00 armored?	The documented probe construction is unarmored.
Which connector applies to Bently Nevada 330193-09-20-10-00?	The ordering code identifies high-temperature miniature coaxial connection.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 134652-01	View Bently Nevada 134652-01
Bently Nevada 135137-01	View Bently Nevada 135137-01
Bently Nevada 135473-01	View Bently Nevada 135473-01
Bently Nevada 135613-01	View Bently Nevada 135613-01
Bently Nevada 135613-01-01	View Bently Nevada 135613-01-01

FAQ, Related Products and Official Sources

QUESTION	ANSWER
How should the approval suffix on Bently Nevada 330193-09-20-10-00 be handled?	00 specifies that agency approval is not required.
What target reference applies to Bently Nevada 330193-09-20-10-00?	Published performance is referenced to the manufacturer-specified AISI 4140 steel target and matched 3300 XL 8 mm chain.
What signal performance applies to Bently Nevada 330193-09-20-10-00?	The matched family publishes a nominal 7.87 V/mm scale factor and a 0 to 10 kHz response under the stated test conditions.
What confirms commissioning of Bently Nevada 330193-09-20-10-00?	Verify the complete marking, compatible cable and Proximitor Sensor, connector condition, static gap, polarity and dynamic channel response.

MODEL	APTER POWER PAGE
Bently Nevada 135826-01	View Bently Nevada 135826-01
Bently Nevada 136188-01	View Bently Nevada 136188-01
Bently Nevada 136294-01	View Bently Nevada 136294-01

MANUFACTURER SOURCE RECORDS

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

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