

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.

BRAND	Bently Nevada	MODEL	330193-09-20-10-00
PRODUCT	Extended Temp Probe	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet	RECORD	Baker Hughes / Bently Nevada publication 141194 Rev. AM

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

Technical Data and Acceptance

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

Acceptance Path

1 IDENTITY

The complete 330193-09-20-10-00 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 330193-09-20-10-00 marking before work.	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.
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	Which mounting format applies to Bently Nevada 330193-09-20-10-00?	The official ordering family identifies the M10 x 1 mounting format.
5	Use the documented target material or an approved correction.	Is Bently Nevada 330193-09-20-10-00 armored?	The documented probe construction is unarmored.
6	Match the probe, extension cable and Proximitior Sensor as one system.	Which connector applies to Bently Nevada 330193-09-20-10-00?	The ordering code identifies high-temperature miniature coaxial connection.
7	Set the static gap only with the current manufacturer procedure.		
8	Verify polarity, gap voltage and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 146054-34-20-02-05	View Bently Nevada 146054-34-20-02-05
Bently Nevada 146054-36-05-01-05	View Bently Nevada 146054-36-05-01-05
Bently Nevada 146055-10-02-00	View Bently Nevada 146055-10-02-00
Bently Nevada 146056-15-10-02-02-05	View Bently Nevada 146056-15-10-02-02-05
Bently Nevada 146056-38-10-02-02-05	View Bently Nevada 146056-38-10-02-02-05
Bently Nevada 147663-01	View Bently Nevada 147663-01

FAQ, Related Products and 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 149844-01	View Bently Nevada 149844-01
Bently Nevada 149992-02	View Bently Nevada 149992-02
Bently Nevada 162381-064-028-50-05	View Bently Nevada 162381-064-028-50-05
Bently Nevada 162381-078-027-50-05	View Bently Nevada 162381-078-027-50-05
Bently Nevada 162381-138-040-90-05	View Bently Nevada 162381-138-040-90-05
Bently Nevada 16710-10	View Bently Nevada 16710-10

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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