

INDUSTRIAL AUTOMATION PRODUCT

102044-00-32-10-02

Bently Nevada proximity probe

Non-contact eddy-current proximity signal from the machine shaft to the installed transducer electronics

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada proximity transducer installation
Part number	102044-00-32-10-02
Country	USA
HS code	8537101190

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Base part number	102044
Configured order code	102044-00-32-10-02
Manufacturer	Bently Nevada

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Installed matching Proximitior Sensor
Companion hardware	Installed cable and connector arrangement
Field connection	Conductive machine target
Primary system function	Uses the exact 102044 configured identity
Controlled acceptance duty	Radial shaft-vibration measurement

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System Role and Architecture

Non-contact eddy-current proximity signal from the machine shaft to the installed transducer electronics

FUNCTION 1

Uses the exact 102044 configured identity

FUNCTION 2

Provides a non-contact eddy-current sensing interface

FUNCTION 3

Connects to the installed proximity-transducer electronics

FUNCTION 4

Supports controlled model-specific loop replacement

Matched system components

- Installed matching Proximitior Sensor
- Installed cable and connector arrangement
- Conductive machine target
- Compatible Bently Nevada monitor input

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Installed matching Proximitior Sensor
Companion hardware	Installed cable and connector arrangement
Field connection	Conductive machine target
Primary system function	Uses the exact 102044 configured identity
Controlled acceptance duty	Radial shaft-vibration measurement

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Applications and Engineering Context

Radial shaft-vibration measurement

Uses the exact 102044 configured identity

Axial position monitoring

Provides a non-contact eddy-current sensing interface

Shaft centerline observation

Connects to the installed proximity-transducer electronics

Legacy proximity-loop service

Supports controlled model-specific loop replacement

TECHNICAL NOTE

Verify the complete 102044-00-32-10-02 nameplate, installed cable and connector, matched Proximitor Sensor, target material and channel calibration before replacement.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	102044-00-32-10-02 / 102044-00-32-10-02 recorded
Physical interface	Installed matching Proximitor Sensor
Companion check	Installed cable and connector arrangement
Functional proof	Uses the exact 102044 configured identity
Application test	Radial shaft-vibration measurement

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Engineering Precautions

1

Verify the complete 102044-00-32-10-02 marking, installed configured construction and assigned measuring point before work.

2

Place the monitored machine and its protection channel in the approved maintenance state before disturbing the probe.

3

Protect the probe tip and installed configured interface from impact, burrs, contamination and unintended side-view metal.

4

Route and support the installed probe lead without sharp bends, crushing, tensile load or contact with hot and moving surfaces.

5

Keep every ClickLoc interface clean, dry and fully engaged; preserve connector-protector hardware where supplied.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
21000-28-05-00-050-03-02	Related Bently Nevada product	View 21000-28-05-00-050-03-02 page
9571-99	Related Bently Nevada product	View 9571-99 page
330103-00-18-10-02-00	Related Bently Nevada product	View 330103-00-18-10-02-00 page
330173-00-02-20-02-05	Related Bently Nevada product	View 330173-00-02-20-02-05 page
330173-00-04-20-02-05	Related Bently Nevada product	View 330173-00-04-20-02-05 page
330171-00-20-10-02-05	Related Bently Nevada product	View 330171-00-20-10-02-05 page
330881-28-16-155-03-02	Related Bently Nevada product	View 330881-28-16-155-03-02 page
16710-82	Related Bently Nevada product	View 16710-82 page

MANUFACTURER SOURCE RECORD

Bently Nevada Approvals Quick Reference Guide

108M1756 Rev. AL

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