

BENTLY NEVADA TECHNICAL DOCUMENT

Product Data Sheet

21504-00-24-10-02

01 PRODUCT IDENTIFICATION

Manufacturer	Bently Nevada
Model	21504-00-24-10-02
Family	7200 Proximity Transducer System
Product type	8 mm standard-mount proximity probe

02 CONFIGURATION SUMMARY

Probe series	21504
Probe type	8 mm standard mount
Unthreaded length	0 mm
Overall case length	240 mm
Total length	1.0 m
Connector option	Miniature male coaxial connector
Cable armor	No

03 TECHNICAL AND APPLICATION NOTES

This document identifies the exact ordered configuration. Verify every order-code segment before replacement or installation. The probe, extension cable and signal conditioner must belong to the compatible Bently Nevada family and must satisfy the required total electrical system length. Use controlled manufacturer documentation for mounting clearances, target material, hazardous-area requirements, cable routing and commissioning limits.

04 REMAINING TECHNICAL DATA

Measurement method	Non-contact eddy current
Scale factor	7.87 V/mm nominal
System requirement	Matched 7200 extension cable and proximator

05 APPLICATIONS

- Fluid-film bearing shaft vibration monitoring
- Axial shaft-position measurement
- Keyphasor phase-reference or speed measurement
- Machinery protection and condition monitoring

06 INSTALLATION CONTROL

De-energize associated monitoring circuits, inspect the complete model number, confirm mechanical fit, protect connectors from contamination and moisture, and record the installed configuration and baseline readings. This concise document complements - and does not replace - the official controlled manufacturer literature.