

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 Systems
Product type	8 mm Standard Mount Probe

02

VERIFIED TECHNICAL DATA

Mounting configuration	Standard mount
Probe tip diameter	8 mm
Case thread	3/8-24 UNF
Lead armor	No
Unthreaded length	0.0 inches
Overall case length	2.4 inches
Total cable length	1.0 metre
Connector type	Miniature male coaxial

03 REMAINING TECHNICAL DATA

Nominal scale factor	200 mV/mil
Calibrated range	80 mils

04 TECHNICAL AND APPLICATION NOTES

21504-00-24-10-02 is an 8 mm standard-mount proximity probe with a 3/8-24 UNF thread, 0.0 inch unthreaded length, 2.4 inch overall case length, 1.0 metre integral cable, and miniature male coaxial connector. The order code specifies zero unthreaded length, a 1.0 metre total cable, and a miniature male coaxial connector. Match the probe, extension cable, and Proximitor total electrical length before replacement.

05 APPLICATIONS

- Radial shaft vibration measurement
- Axial shaft position measurement
- Rotor eccentricity measurement
- Differential expansion measurement
- Phase reference and rotational speed measurement

06 INSTALLATION CONTROL

Confirm the complete order number before installation. Verify gap voltage and channel response before returning the machine to service.