MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

BENTLY NEVADA

9755-17

SEISMOPROBE TEST KIT INTERCONNECT CABLE

Used with the applicable 9200 and 74712 Seismoprobe Velocity Transducers configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Bently Nevada Seismoprobe Velocity Transducers Datasheet 141626, pages 1 and 9

9200 and 74712 Seismoprobe Velocity Transducers

Datasheet

Cordant™

141626 Rev. V



Description

Bently Nevada™ Seismoprobe Velocity Transducer Systems are designed to measure absolute (relative to free space) bearing housing, casing, or structural vibration. The two-wire systems consist of a transducer and appropriate cable.

The Seismoprobe family of velocity transducers is a two-wire design that uses moving-coil technology. It provides a voltage output directly proportional to the transducer's vibration velocity.

Moving-coil transducers are less sensitive to impact or impulsive excitation than solid-state velocity transducers, which are inherently accelerometers with embedded integration electronics.

Moving-coil transducers are less sensitive to impact or impulsive excitation and can represent a good choice for certain applications. Because they don't require external power, they are convenient for portable measurement applications.

For most installations, Bently Nevada's Velomitor family of velocity transducers, which incorporate solid-state technology, provide improved performance and ruggedness for casing velocity measurement applications.

Baker Hughes

Cable Part Numbers

Part Number	Description
	Use 'NN' in these part numbers to specify the length (in feet) of the cable you want to order.
Standard Cables	
9571-NN	2-conductor twisted, shielded 22 AWG (0.5 mm2) cable with 2-socket moisture-resistant female connector at one end, terminal lugs at the other end (used with monitors or vibration data collectors). Cable operating temperature is -50˚C to 120˚C. Minimum length of 2.0 ft (0.6 m); maximum length of 99 ft (30 m).
84661-NN	2-conductor twisted, shielded 22 AWG (0.5 mm2) armored cable with 2-socket moisture-resistant female connector at one end, terminal lugs at the other end (used with monitors or vibration data collectors). Cable operating temperature is -50˚C to 120˚C. Minimum length of 3.0 ft (0.9 m); maximum length of 99 ft (30 m).
9755-NN	2-wire shielded 22 AWG (0.5 mm2) cable with 2-pin female connectors at each end (connects 9200 or 74712 Seismoprobe Velocity Transducers to Bently Nevada test kits). Cable operating temperature is -70˚C to 150˚C. Minimum length of 1.0 ft (0.3 m); maximum length of 99 ft (30 m).
83968-NN	2-wire straight cable with 2-pin female connector at one end and coaxial connector in the other end (used with instruments with BNC connector input jacks). Minimum length of 2.0 ft (0.6 m); maximum length of 99 ft (30 m).
High-Temperature Cables	
84508-NN	2-wire shielded 22 AWG (0.5 mm2) cable with terminal lugs at each end. Minimum length of 1.0 ft (0.3 m); maximum length of 99 ft (30 m).
84509-NN	2-wire shielded 22 AWG (0.5 mm2) armored cable with terminal lugs at each end. Minimum length of 3.0 ft (0.9 m); maximum length of 70 ft (21 m).
84660-NN	2-wire shielded 22 AWG (0.5 mm2) cable with 2-socket female connector at one end, terminal lugs at the other end. Minimum length of 3.0 ft (0.9 m); maximum length of 99 ft (30 m).