

330500 AND 330525 PIEZO-VELOCITY SENSOR

Product Data Sheet

84661-55

piezo velocity sensor cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
piezo velocity sensor cable	330500 and 330525 Piezo-Velocity Sensor	United States	0.5 kg

330500 and 330525 Piezo-Velocity Sensor 84661-55 is a piezo velocity sensor cable for the 330500 and 330525 Piezo-Velocity Sensor. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Bently Nevada
Order Number	84661-55
Product Type	Piezo Velocity Sensor Cable
System Family	330500 and 330525 Piezo-Velocity Sensor
Measurement Principle	Eddy-current or vibration sensing
System Supply	Matched monitor interface
Signal Interface	Coaxial transducer connection
Installation	Machine bearing housing
Target Material	Ferromagnetic shaft surface
Connector Check	Keying and contact condition

Cable Check	Length and armor configuration
Grounding Check	Shield continuity
Configuration Record	Channel setup and scale factor
Diagnostic Check	Gap voltage and monitor status
Commissioning Test	Controlled shaft measurement test

- Use 84661-55 in its documented measurement chain: Apply 84661-55 only with the documented 330500 and 330525 Piezo-Velocity Sensor. Confirm the complete Bently Nevada order code, probe construction, cable or housing configuration and matched monitor channel before service.
- Record the installed sensor arrangement: Photograph the probe, connector, extension cable, Proximito or monitor channel, armor routing, brackets and target location. Preserve the documented total system length and mechanical position during exchange.
- Test gap and vibration response: After fitting 84661-55, verify gap voltage, cable continuity, channel configuration and measured shaft response at a controlled operating point. Record the final monitor diagnostics and acceptance results.

Match 84661-55 to the installed 330500 and 330525 Piezo-Velocity Sensor, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Bently Nevada manufacturer documentation](#)

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AMIKON PRODUCT SUPPORT

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