

BENTLY NEVADA PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

86691-00750-0435-15

proximity probe assembly

FUNCTION	FAMILY	ORIGIN	WEIGHT
proximity probe assembly	Bently Nevada proximity transducer sys	United States	0.5 kg

3300 System 86691-00750-0435-15 is a proximity probe assembly for the Bently Nevada proximity transducer systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Bently Nevada
Order Number	86691-00750-0435-15
Product Type	Proximity Probe Assembly
System Family	Bently Nevada proximity transducer systems
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

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Use 86691-00750-0435-15 in its documented measurement chain: Apply 86691-00750-0435-15 only with the documented Bently Nevada proximity transducer systems. 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, Proximitor 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 86691-00750-0435-15, verify gap voltage, cable continuity, channel configuration and measured shaft response at a controlled operating point. Record the final monitor diagnostics and acceptance results.

SYSTEM COMPATIBILITY

Match 86691-00750-0435-15 to the installed Bently Nevada proximity transducer systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Bently Nevada manufacturer documentation

<https://dam.bakerhughes.com/>

AMIKON PRODUCT SUPPORT

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