

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

GE / BENTLY NEVADA

GE / Bently Nevada 21747-085-00 Extension Cable (8.5 M)

The GE / Bently Nevada 21747-085-00 is an 8.5-meter extension cable designed for use with Bently Nevada monitoring systems. This cable facilitates the connection of sensors and other devices in industrial machinery, enabling reliable data transmission for vibration monitoring and equipment protection. It ensures accurate and dependable performance in demanding environments.



MODEL

**GE / Bently Nevada
21747-085-00**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

21747-085-00

LISTING

<https://aumictechlabs.com/products/21747-085-00-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The GE / Bently Nevada 21747-085-00 is an 8.5-meter extension cable engineered to extend proximity probes within the Bently Nevada 7200 Proximity Transducer System. This 3-conductor shielded cable maintains signal integrity and power delivery between 7200 proximitors and Bently Nevada monitoring systems, enabling probe placement at extended distances from transducer modules. The cable operates on eddy current sensing principles across a 0 Hz to 10 kHz frequency range with an 80 mil (2 mm) linear measuring range, supporting both 5 mm and 8 mm proximity transducer configurations. Designed for industrial machinery monitoring in demanding environments, the 21747-085-00 delivers non-contact measurements of shaft position, vibration,

radial motion, axial thrust, rotor eccentricity, and rotor stability. Metal connectors and industrial-grade construction with basic jacket design ensure durability in harsh operating conditions. Installation requires maintaining 15 cm clearance from hot surfaces, 50 mm minimum bend radius, proper shielding in wet areas, and adequate cable grounding. Technical Specifications Cable length: 8.5 m (27.9 ft) Construction: 3-conductor, shielded Frequency response: 0 Hz (DC) to 10 kHz Linear measuring range: 80 mils (2 mm) System compatibility: Bently Nevada 7200 Proximity Transducer System (5 mm and 8 mm) Connectors: Metal connectors Jacket type: Basic jacket (model code "00") Key Features Operates on eddy current sensing principle for non-contact distance measurement Compatible with 5 and 9 proximitors across 5 mm and 8 mm system variants Serves dual function as signal output and power source input path API 670 compliant for machinery protection applications Industrial-grade construction for harsh environments Typical Applications Gas and steam turbines Compressors and pumps Centrifuges and electric motors Generators and rotating machinery Bearing condition monitoring Rotor imbalance and misalignment detection Compatibility & Integration Bently Nevada 7200 Proximity Transducer System Bently Nevada 3300 and 9000 Monitoring Systems 5 mm and 8 mm proximity transducer configurations

Features & description

From manufacturer datasheet

Technical Specifications

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Compatibility & Integration

Bently Nevada 7200 Proximity Transducer System Bently Nevada 3300 and 9000 Monitoring Systems 5 mm and 8 mm proximity transducer configurations

GE / Bently Nevada 21747-085-00 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the GE / Bently Nevada 21747-085-00. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Request Calibration → Request Repair Quote →

GE / Bently Nevada 21747-085-00 price

This GE / Bently Nevada 21747-085-00 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

GE / Bently Nevada 21747-085-00 calibration cost

NIST-traceable calibration for the GE / Bently Nevada 21747-085-00 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Gas and steam turbines Compressors and pumps Centrifuges and electric motors Generators and rotating machinery Bearing condition monitoring Rotor imbalance and misalignment detection

Unit notes

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Technical Specifications
Cable length: 8.5 m (27.9 ft)
Construction: 3-conductor, shielded
Frequency response: 0 Hz (DC) to 10 kHz
Linear measuring range: 80 mils (2 mm)
System compatibility: Bently Nevada 7200 Proximity Transducer System (5 mm and 8 mm)
Connectors: Metal connectors
Jacket type: Basic jacket (model code "00")

Key Features
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21747-085-00 Specifications

PARAMETER	VALUE
Frequency Range	0 Hz (DC) to 10 kHz
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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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System compatibility: Bently Nevada 7200 Proximity Transducer System (5 mm and 8 mm)

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21747-085-00 Specifications

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Cable length: 8.5 m (27.9 ft)

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Linear measuring range: 80 mils (2 mm)

System compatibility: Bently Nevada 7200 Proximity Transducer System (5 mm and 8 mm)

Connectors: Metal connectors

Jacket type: Basic jacket (model code "00")

Key Features

Operates on eddy current sensing principle for non-contact distance measurement

Compatible with 5 and 9 proximitors across 5 mm and 8 mm system variants

Serves dual function as signal output and power source input path

API 670 compliant for machinery protection applications

Industrial-grade construction for harsh environments

Compatibility & Integration

Bently Nevada 7200 Proximity Transducer System

Bently Nevada 3300 and 9000 Monitoring Systems

5 mm and 8 mm proximity transducer configurations

GE / Bently Nevada 21747-085-00 – Repair & Calibration Service

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

[Request Calibration](#) → [Request Repair Quote](#) →

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GE / Bently Nevada 21747-085-00 calibration cost

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.