21747-075-00

Exact-identity installation and commissioning guide

PRODUCT SCOPE

Bently Nevada 21747-075-00 is a 7.5 m unarmored extension cable for the legacy 7200 Series 5 mm and 8 mm proximity transducer system. It connects the compatible probe lead to the matching 7200 Proximitor sensor.

Verified installation basis

Manufacturer	Bently Nevada
Exact part number	21747-075-00
Base cable family	21747
Product function	Proximitor probe extension cable
System family	7200 Series 5 mm and 8 mm proximity system
Length option	075 = 7.5 m
Approximate imperial length	295.3 in

Verified related ApterPower product pages

Bently Nevada 24710-080-01-00

Bently Nevada 330180-X1-05 MOD:143945-05

Pre-work control

Record the installed system before any disconnection

Required checks

- Record the complete 21747-075-00 marking and both connector identities before work.
- Place the monitor and affected machinery channel in the approved safe maintenance state.
- Confirm that the installed probe and Proximitor belong to the 7200 Series 5 mm or 8 mm family.
- Verify the required total electrical length before disconnecting the existing cable.
- Inspect the unarmored cable jacket and both coaxial connectors for damage or contamination.
- Route the cable without sharp bends, crushing, tension or unapproved shortening.

HOLD POINT

Confirm the complete 21747-075-00 marking, both connectors, probe identity and matched 7200 Proximitor requirement before replacement.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

Bently Nevada 330180-X1-05 MOD:145193-01

Bently Nevada 330101-XX-XX-20-02-CN

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record the complete 21747-075-00 marking and both connector identities before work.

2 ISOLATE

Place the monitor and affected machinery channel in the approved safe maintenance state.

3 RECORD

Confirm that the installed probe and Proximitor belong to the 7200 Series 5 mm or 8 mm family.

4 VERIFY

Verify the required total electrical length before disconnecting the existing cable.

5 INSTALL

Inspect the unarmored cable jacket and both coaxial connectors for damage or contamination.

6 RESTORE

Route the cable without sharp bends, crushing, tension or unapproved shortening.

CONFIGURATION CONTROL

The base number 21747 identifies the legacy extension-cable family used with compatible 7200 Series 5 mm and 8 mm proximity systems. In the complete suffix, 075 identifies the 7.5 m length option and 00 identifies the version without armor. The cable must remain matched to the installed probe and Proximitor electrical-length requirement; it is not a complete transducer system and it is not an 11 mm system cable.

Verified related ApterPower product pages

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record the complete 21747-075-00 marking and both connector identities before work.
Configuration	Route the cable without sharp bends, crushing, tension or unapproved shortening.
Physical installation	Reconnect the probe and Proximitor interfaces without mixing another transducer family.
Functional acceptance	Restore the channel and document gap voltage, monitor status and acceptance results.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

Handover record

Traceable evidence for the installed product

Final acceptance

- Inspect the unarmored cable jacket and both coaxial connectors for damage or contamination.
- Route the cable without sharp bends, crushing, tension or unapproved shortening.
- Reconnect the probe and Proximitor interfaces without mixing another transducer family.
- Restore the channel and document gap voltage, monitor status and acceptance results.

Manufacturer evidence used

- Bently Nevada 7200 Series 5 mm / 8 mm Proximitor Sensor Supplement Manual, publication 164931-01.
- Cross-checked exact-part ordering records for 21747-075-00 length and armor suffixes.

Verified related ApterPower product pages

Talk to Apter Power

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