

Installation Identity and Scope

Bently Nevada 84661-33 is an armored two-conductor cable for supported accelerometer-to-monitor connections. It uses a moisture-resistant sensor connector and terminal-lug monitor termination.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	84661-33
Manufacturer	Bently Nevada
Hardware type	Armored Accelerometer Cable
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 161M1037

CONTROLLED ENGINEERING COPY

Retain the complete 84661-33 marking and verify the connected accelerometer and monitor. The official ordering note excludes use with the 21128 Velocity Transducer Housing.

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84661-33

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 84661-33 marking.
2	Do not use this cable with the 21128 housing.
3	Inspect the two-socket connector and sealing surfaces.
4	Label terminal-lug assignments before removal.
5	Support the armor independently of the connector.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	84661-33
Physical interface	Exact Bently Nevada 84661-33 nameplate and installed revision
Companion check	Documented Armored Accelerometer Cable system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 3300-12-02-20-00	View Bently Nevada 3300-12-02-20-00
Bently Nevada 3300-30	View Bently Nevada 3300-30
Bently Nevada 3300-46-08-02-01-00	View Bently Nevada 3300-46-08-02-01-00
Bently Nevada 3300-47	View Bently Nevada 3300-47
Bently Nevada 3300-47-XX-XX-01-00	View Bently Nevada 3300-47-XX-XX-01-00

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 84661-33 and the installed revision exactly.
Complete model	Verify the documented value: 84661-33.
Cable family	Verify the documented value: 84661-NN armored monitor cable.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Armored Accelerometer Cable function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Retain the complete 84661-33 marking and verify the connected accelerometer and monitor. The official ordering note excludes use with the 21128 Velocity Transducer Housing.

Expected Technical Values

PARAMETER	VALUE
Complete model	84661-33
Cable family	84661-NN armored monitor cable
Conductors	Two twisted 22 AWG conductors
Shielding	Shielded construction

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 102044-00-48-10-05	View Bently Nevada 102044-00-48-10-05
Bently Nevada 102045-040-00-05	View Bently Nevada 102045-040-00-05

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 84661-33 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 84661-33?	It is an 84661-series armored two-conductor sensor cable for supported accelerometer installations.
Which conductors are documented for Bently Nevada 84661-33?	The manufacturer identifies two twisted, shielded 22 AWG conductors.
How is Bently Nevada 84661-33 terminated?	It uses a moisture-resistant two-socket female connector at the sensor end and terminal lugs at the monitor end.
Is Bently Nevada 84661-33 armored?	Yes. The 84661 family is the armored version of the documented monitor cable.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 102046-50	View Bently Nevada 102046-50
Bently Nevada 129715-138-040-05-CN	View Bently Nevada 129715-138-040-05-CN
Bently Nevada 129715-138-40-05-05	View Bently Nevada 129715-138-40-05-05
Bently Nevada 129716-173-037-15-05	View Bently Nevada 129716-173-037-15-05
Bently Nevada 129716-XXX-037-15-05	View Bently Nevada 129716-XXX-037-15-05

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Where is Bently Nevada 84661-33 used?	It connects supported general-purpose accelerometers to compatible monitoring hardware.
Which housing restriction applies to Bently Nevada 84661-33?	The manufacturer states that this cable family is not for use with the 21128 Velocity Transducer Housing.
What installation checks apply to Bently Nevada 84661-33?	Inspect connector keying, armor support, shield continuity, terminal-lug assignments, routing and strain relief.
What confirms commissioning of Bently Nevada 84661-33?	Continuity, shield treatment, polarity and the connected accelerometer channel response must pass the controlled test.

MANUFACTURER SOURCE RECORDS

Bently Nevada General Purpose Accelerometers Datasheet - Baker Hughes / Bently Nevada publication 161M1037

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	84661-33 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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