

84661-33

Armored Accelerometer Cable

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	84661-33
Product role	Armored Accelerometer Cable
System family	Industrial automation
Source record	Baker Hughes / Bently Nevada publication 161M1037

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	84661-33
Cable family	84661-NN armored monitor cable
Conductors	Two twisted 22 AWG conductors
Shielding	Shielded construction
Mechanical protection	Armored cable
Sensor-end termination	Moisture-resistant two-socket female connector
Monitor-end termination	Terminal lugs
Application	Supported accelerometer-to-monitor connection
Excluded housing	Not for use with 21128 Velocity Transducer Housing
Exact suffix control	33 retained from the supplied identity

ENGINEERING 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 32000-28-05-06-020-07-02	View Bently Nevada 32000-28-05-06-020-07-02
Bently Nevada 32000-28-05-08-080-03-02	View Bently Nevada 32000-28-05-08-080-03-02
Bently Nevada 32000-28-05-15-080-03-02	View Bently Nevada 32000-28-05-15-080-03-02
Bently Nevada 32000-29-05-04-090-07-02	View Bently Nevada 32000-29-05-04-090-07-02

System Role and Common Applications

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.

FUNCTION 1
Two twisted 22 AWG conductors

FUNCTION 2
Shielded armored construction

FUNCTION 3
Moisture-resistant sensor connector

FUNCTION 4
Terminal-lug monitor termination

APPLICATION	ENGINEERING CONTEXT
Accelerometer wiring	Connects a supported accelerometer to compatible monitoring hardware.
Sensor replacement	Preserves connector keying and terminal assignments during maintenance.
Armored cable routing	Provides mechanical protection for the approved signal route.
Channel verification	Supports continuity and channel-response checks before return to service.

ACCEPTANCE DUTY
Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
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.
6	Preserve the documented shield termination.
7	Protect the cable from crushing, twisting and unsupported pull.
8	Verify continuity, polarity and channel response before release.

QUESTION	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 32000-29-10-00-234-03-02	View Bently Nevada 32000-29-10-00-234-03-02
Bently Nevada 32000-29-10-00-338-03-02	View Bently Nevada 32000-29-10-00-338-03-02
Bently Nevada 32000-29-10-04-048-03-02	View Bently Nevada 32000-29-10-04-048-03-02
Bently Nevada 32000-29-10-04-055-03-02	View Bently Nevada 32000-29-10-04-055-03-02
Bently Nevada 32000-30-05-10-088-07-02	View Bently Nevada 32000-30-05-10-088-07-02

FAQ, Related Products and Official Sources

QUESTION	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.

MODEL	APTER POWER PAGE
Bently Nevada 32000-30-10-00-095-02-02	View Bently Nevada 32000-30-10-00-095-02-02
Bently Nevada 330881-16-10-110-06-02	View Bently Nevada 330881-16-10-110-06-02
Bently Nevada 3300-01-01-00	View Bently Nevada 3300-01-01-00

MANUFACTURER SOURCE RECORDS

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

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