

Installation Identity and Scope

Bently Nevada 106765-25 is a 106765-series two-conductor shielded cable for supported velocity-sensor monitor connections. It uses a two-socket plug with a fluorosilicone boot at the sensor end and terminal lugs at the monitor end.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	106765-25
Manufacturer	Bently Nevada
Hardware type	Shielded Monitor Cable
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141633 Rev. M, Figure 1 and cable ordering information

CONTROLLED ENGINEERING COPY

Retain the complete 106765-25 identity and verify the actual cable length from the supplied marking. The official ordering note excludes use with the 21128 Velocity Transducer Housing, so confirm the connected sensor and monitor arrangement before installation.

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106765-25

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 106765-25 marking.
2	Confirm actual cable length from the supplied item.
3	Do not use this cable with the 21128 housing.
4	Inspect the plug sockets and fluorosilicone boot.
5	Label terminal-lug assignments before removal.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	106765-25
Physical interface	Exact Bently Nevada 106765-25 nameplate and installed revision
Companion check	Documented Shielded Monitor 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 146056-15-10-02-02-05	View Bently Nevada 146056-15-10-02-02-05
Bently Nevada 146056-38-10-02-02-05	View Bently Nevada 146056-38-10-02-02-05
Bently Nevada 147663-01	View Bently Nevada 147663-01
Bently Nevada 149844-01	View Bently Nevada 149844-01
Bently Nevada 149992-02	View Bently Nevada 149992-02

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 106765-25 and the installed revision exactly.
Complete model	Verify the documented value: 106765-25.
Cable family	Verify the documented value: 106765-NN.
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 Shielded Monitor Cable function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Retain the complete 106765-25 identity and verify the actual cable length from the supplied marking. The official ordering note excludes use with the 21128 Velocity Transducer Housing, so confirm the connected sensor and monitor arrangement before installation.

Expected Technical Values

PARAMETER	VALUE
Complete model	106765-25
Cable family	106765-NN
Conductors	Two-conductor, 22 AWG
Construction	Twisted, shielded cable

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 162381-064-028-50-05	View Bently Nevada 162381-064-028-50-05
Bently Nevada 162381-078-027-50-05	View Bently Nevada 162381-078-027-50-05

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 106765-25 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 106765-25?	It is a 106765-series two-conductor shielded monitor cable used with supported velocity-sensor installations.
What conductors are documented for Bently Nevada 106765-25?	The official ordering information specifies two 22 AWG conductors in a twisted, shielded cable.
How is Bently Nevada 106765-25 terminated?	It has a two-socket plug with a fluorosilicone boot at one end and terminal lugs at the other.
Where is Bently Nevada 106765-25 used?	The manufacturer identifies 106765-NN cables for connecting supported sensors to monitors.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 162381-138-040-90-05	View Bently Nevada 162381-138-040-90-05
Bently Nevada 16710-10	View Bently Nevada 16710-10
Bently Nevada 16710-14	View Bently Nevada 16710-14
Bently Nevada 16710-16	View Bently Nevada 16710-16
Bently Nevada 16710-18	View Bently Nevada 16710-18

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which housing must not use Bently Nevada 106765-25?	The official ordering note states that 106765-NN is not for use with the 21128 Velocity Transducer Housing.
How should the 25 suffix of Bently Nevada 106765-25 be verified?	Retain the complete suffix and confirm the supplied cable length from its physical marking and controlled order record.
What installation checks apply to Bently Nevada 106765-25?	Inspect the boot, socket keying, shield continuity, terminal-lug assignments, routing and strain relief.
What confirms commissioning of Bently Nevada 106765-25?	Continuity, shield treatment, terminal polarity and the connected velocity channel signal must all pass the controlled test.

MANUFACTURER SOURCE RECORDS

Bently Nevada 330525 Velomitor XA Piezo-velocity Sensor Datasheet - Baker Hughes / Bently Nevada publication 141633 Rev. M, Figure 1 and cable ordering information

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	106765-25 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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