

106765-25

Shielded Monitor Cable

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	106765-25
Product role	Shielded Monitor Cable
System family	Industrial automation
Source record	Baker Hughes / Bently Nevada publication 141633 Rev. M, Figure 1 and cable ordering information

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	106765-25
Cable family	106765-NN
Conductors	Two-conductor, 22 AWG
Construction	Twisted, shielded cable
Sensor-end termination	Two-socket plug with fluorosilicone elastomer boot
Monitor-end termination	Terminal lugs
Application	Supported sensor-to-monitor connection
Excluded housing	Not for use with 21128 Velocity Transducer Housing
Published ordering range	0.6 to 30 m family range; order in documented increments
Exact suffix control	25 retained and verified from the physical marking

ENGINEERING 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 136188-01	View Bently Nevada 136188-01
Bently Nevada 136294-01	View Bently Nevada 136294-01
Bently Nevada 136703-01	View Bently Nevada 136703-01
Bently Nevada 136711-01	View Bently Nevada 136711-01

System Role and Common Applications

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.

FUNCTION 1
Two 22 AWG shielded conductors

FUNCTION 2
Two-socket sensor plug

FUNCTION 3
Fluorosilicone protective boot

FUNCTION 4
Terminal-lug monitor termination

APPLICATION	ENGINEERING CONTEXT
Velocity channel wiring	Connects a supported velocity sensor to its monitor input.
Sensor replacement	Preserves plug keying and terminal-lug assignments during maintenance.
Cable-route restoration	Restores the documented shield and strain-relief arrangement.
Signal 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 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.
6	Preserve the documented shield termination.
7	Protect the cable from sharp bends and unsupported pull.
8	Verify continuity and channel response before release.

QUESTION	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 136711-02	View Bently Nevada 136711-02
Bently Nevada 138708-01	View Bently Nevada 138708-01
Bently Nevada 139554-01	View Bently Nevada 139554-01
Bently Nevada 140471-02	View Bently Nevada 140471-02
Bently Nevada 140482-01	View Bently Nevada 140482-01

FAQ, Related Products and Official Sources

QUESTION	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.

MODEL	APTER POWER PAGE
Bently Nevada 143493-00-080-040-50-00	View Bently Nevada 143493-00-080-040-50-00
Bently Nevada 144181-51	View Bently Nevada 144181-51
Bently Nevada 144181-51-05	View Bently Nevada 144181-51-05
Bently Nevada 146054-034-20-02-05	View Bently Nevada 146054-034-20-02-05
Bently Nevada 146054-12-05-01-05	View Bently Nevada 146054-12-05-01-05
Bently Nevada 146054-32-05-01-05	View Bently Nevada 146054-32-05-01-05
Bently Nevada 146054-34-20-02-05	View Bently Nevada 146054-34-20-02-05
Bently Nevada 146054-36-05-01-05	View Bently Nevada 146054-36-05-01-05
Bently Nevada 146055-10-02-00	View Bently Nevada 146055-10-02-00

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

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