

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.

BRAND	Bently Nevada	MODEL	106765-25
PRODUCT	Shielded Monitor Cable	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 330525 Velomitor XA Piezo-velocity Sensor Datasheet	RECORD	Baker Hughes / Bently Nevada publication 141633 Rev. M, Figure 1 and cable ordering information

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

Technical Data and Acceptance

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

Acceptance Path

1 IDENTITY

The complete 106765-25 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 106765-25 marking.	What is Bently Nevada 106765-25?	It is a 106765-series two-conductor shielded monitor cable used with supported velocity-sensor installations.
2	Confirm actual cable length from the supplied item.		
3	Do not use this cable with the 21128 housing.	What conductors are documented for Bently Nevada 106765-25?	The official ordering information specifies two 22 AWG conductors in a twisted, shielded cable.
4	Inspect the plug sockets and fluorosilicone boot.		
5	Label terminal-lug assignments before removal.	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.
6	Preserve the documented shield termination.		
7	Protect the cable from sharp bends and unsupported pull.	Where is Bently Nevada 106765-25 used?	The manufacturer identifies 106765-NN cables for connecting supported sensors to monitors.
8	Verify continuity and channel response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 16710-46	View Bently Nevada 16710-46
Bently Nevada 16710-50	View Bently Nevada 16710-50
Bently Nevada 16710-99	View Bently Nevada 16710-99
Bently Nevada 16925-10	View Bently Nevada 16925-10
Bently Nevada 16925-15	View Bently Nevada 16925-15
Bently Nevada 16925-21	View Bently Nevada 16925-21

FAQ, Related Products and 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.

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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 16925-30	View Bently Nevada 16925-30
Bently Nevada 16925-33	View Bently Nevada 16925-33
Bently Nevada 16925-99	View Bently Nevada 16925-99
Bently Nevada 16M1081-01	View Bently Nevada 16M1081-01
Bently Nevada 1701-05	View Bently Nevada 1701-05
Bently Nevada 1701-15	View Bently Nevada 1701-15
Bently Nevada 170180-01-05	View Bently Nevada 170180-01-05
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