Bently Nevada 106765-07

COMPLETE PUBLISHED PRODUCT INFORMATION

Bently Nevada 106765-07 is a 7 m interconnect cable for the 330525 Velomitor XA piezo-velocity sensor, with a two-pin sensor connection and field-wire termination.

Product details

Manufacturer part number	106765-07
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	30cm × 30cm × 4cm
Country of Origin	USA
Weight	0.62 kg

Overview

This cable links the 330525 Velomitor XA sensor to the field wiring while protecting the sensor connection.

The 106765 cable assembly is listed for the 330525 Velomitor XA sensor. Its 07 option selects a 7 m length under the manufacturer length code. Compare the offered cable label and the installed route before replacement; the sensor itself is a separate component.

The cable drawing identifies a two-pin connection at the sensor end and a fluorosilicone splash-resistant boot with clamps. FEP-coated stainless-steel armor protects the cable, while the two-conductor shielded lead continues to the field termination. Keep bend radius, clamp fit and sealing condition within the site installation practice.

At the field end, the identified conductors are A (white), B (black) and SHLD (green). Maintain the original terminal map and shield arrangement, then compare the measured channel response with the recorded baseline. A continuity check alone does not prove the installed sensor-monitor path.

Alternative Names

Bently Nevada 106765 07 | 106765 cable, 07 length option

Technical specifications

Cable family	106765 interconnect cable
Order length	07: 7 m
Sensor interface	330525 Velomitor XA
Sensor-end connection	Two-pin plug with splash-resistant boot
Cable conductors	Two-conductor, 22 AWG
Shield	Shielded cable; separate SHLD lead
Protective construction	FEP-coated stainless-steel armor
Field termination	White A, black B, green SHLD leads
Length range in source	1–25 m; 3 m order increments

Technical notes

Order-code meaning	The 07 suffix is the 7 m cable-length selection in the 106765 family.
Sensor interface	The cable is specified for the 330525 Velomitor XA sensor; verify the actual sensor marking and connector.
Technical reference	Bently Nevada 330525 Velomitor XA datasheet 141633 Rev. M.

Technical source: Bently Nevada 330525 Velomitor XA Piezo-velocity Sensor Datasheet, 141633 Rev. M

Buyer information: Applications / Compatibility

Measurement path: 106765-07 connects the 330525 sensor to field wiring. Replacement boundary: Match length, sensor connector, boot and terminal identities.

Sensor cable replacement	Compare the 7 m route, connector and installed harness before removal.
Weather-exposed installation	Inspect the boot and clamp seating at the sensor end.
Field termination	Restore A, B and SHLD to the documented terminal arrangement.

Channel acceptance	Check wiring continuity and controlled vibration response after installation.

Product Precautions

Verify full cable code	Check 106765-07 on the offered label and compare its 7 m route.
Protect sensor connector	Inspect the two-pin fit and splash-resistant boot before fastening.
Inspect armor	Look for FEP coating damage, crushed cable or exposed shield.
Preserve conductor map	Record A, B and SHLD before disconnecting the existing cable.
Check cable routing	Avoid sharp bends, hot surfaces and moving machine parts.
Prove the channel	Verify monitored response under an approved machine test after reconnection.

Ordering checks

Match the complete marking	Compare 106765-07 with the installed cable label and the applicable Bently Nevada 330525 system documentation.
Check the offered item before ordering	Request photos of the offered 106765-07 cable and terminations. Have the maintenance team compare them with the installed route and applicable Bently Nevada documentation.

Lifecycle Status

106765-07 status	A current lifecycle phase for this complete cable reference has not been confirmed.
Support and replacement	Match the cable length, sensor connection and field termination when planning service.
Apter Power availability	The offered quantity and dispatch date are confirmed in the quotation.

Available Unit Details

Offered reference	Bently Nevada 106765-07. Condition: New, original product.

Identity check	The 106765 base code identifies the cable assembly; 07 specifies a 7 m ordered length. Match the physical cable label and termination style.
Included items	The offered item is the 106765-07 cable. The 330525 sensor, terminal housing and monitor wiring are separate unless identified in the quotation.

Engineering FAQ: integration

What does the 07 suffix in 106765-07 select?	It identifies the 7 m ordered cable length. Compare the physical cable label and installed route before replacement.
How does 106765-07 connect at the 330525 sensor?	The cable uses a two-pin connection with a splash-resistant boot and clamps. Inspect connector fit and sealing after assembly.
Which conductors must be mapped when replacing 106765-07?	Record A (white), B (black) and SHLD (green) against the original field drawing before disconnecting the old cable.
What damage checks matter for 106765-07?	Inspect armor, FEP coating, boot, clamps and cable bends; damaged protection can compromise the installed path.

What happens after you enquire

Review your reference	Send the complete 106765-07 marking, installed sensor model and required quantity.
Confirm the offer	Review the offered cable length, condition and included accessories.
Arrange dispatch	Confirm the accepted quantity and destination in the quotation.

Engineering FAQ: service and acceptance

Can 106765-07 be treated as the 330525 sensor itself?	No. It is the interconnect cable; identify the sensor, cable and terminal housing separately in the quotation and installation record.
How should 106765-07 be routed near the machine?	Follow the approved cable route, maintain bend clearance and protect it from moving or hot surfaces. Compare the 7 m length with the installed path.
Why is continuity alone insufficient to accept 106765-07?	Continuity does not prove conductor mapping, shield termination or sensor response. Check the channel under an approved machine test.

What handover record is needed after installing 106765-07?	Keep the complete cable marking, sensor identity, terminal map, routing photos and monitored acceptance result.

Downloads

Technical reference: Apter Power exact-model dossier. Engineering guide: installation and commissioning procedure.

Cable assembly and connection details

Source drawing	The manufacturer 106765 drawing shows the two-pin sensor connection, splash-resistant boot and clamps, armor transition, shielded lead and three labeled field conductors.
Acceptance record	Retain connector and boot photos, conductor map, route inspection, sensor identity and controlled channel test result with the maintenance record.

Installed path and evidence

Sensor-side boundary	The 106765-07 is the interconnect cable for the 330525 sensor. The sensor body, its operating range and monitor configuration are separate equipment attributes.
Service evidence	Capture the full cable label, original and final wiring, cable path and controlled response. Those records support a later comparison if the channel behavior changes.

Related product references

Catalogue navigation only; compare the complete installed configuration before selection.

Bently Nevada 330101-04-36-05-02-05

Bently Nevada 330102-00-32-10-02-00

Bently Nevada 330909-00-30-10-02-00

Discuss the complete marking with Apter Power
sales13@apterpower.com | +86 18030235313