

Bently Nevada 84661-6

Armored accelerometer cable / product overview

ARTICLE

84661-series armored cable. Verify the complete order marking against the installed record.

CONSTRUCTION

Twisted, shielded two-conductor 22 AWG core with armor.

INTERFACES

Two-socket moisture-resistant female connector at one end; terminal lugs at the other.

Installed-system boundary

The cable is part of a compatible accelerometer-to-receiver connection. Connector mating, shield practice, terminal assignment and channel configuration must come from the approved installed system.

Replacement decision

Do not select a look-alike cable based only on brand or connector appearance. Confirm the armored execution and both cable terminations before release.

Verified facts

Product evidence only; no inferred electrical or sensor ratings

Brand	Bently Nevada
Series	84661 armored cable
Core	Twisted two-conductor
Gauge	22 AWG

Shield	Shielded
Protection	Armored
Sensor end	Two-socket female connector
Far end	Terminal lugs

Do not transfer sensor ratings

Accelerometer sensitivity, frequency range and operating power are properties of a selected sensor or full monitoring chain, not automatic ratings of this cable.

Interface and acceptance map

Each connection is verified before functional release

SENSOR

Confirm the installed accelerometer and the mating two-socket interface.

CABLE

Inspect the armored shielded cable body and documented route.

TERMINALS

Land the terminal lugs at the assigned receiver positions.

CHANNEL

Verify diagnostics and controlled response after restoration.

Release condition

Keep 84661-6 matched to the documented sensor and receiving circuit; record any deviation before energization.

Evidence and support

Traceable article basis and service questions

What is this product?

84661-6 is an armored cable, not a proximity probe or accelerometer.

What must match?

The sensor-side female connector and receiving-side terminal lugs must match the installed record.

Can an unarmored cable substitute?

Not without confirming the approved design; 9571-NN is a separate, unarmored cable series.

What is checked after service?

Cable condition, terminal assignment, channel diagnostics and controlled signal response.

Manufacturer evidence

Baker Hughes / Bently Nevada, IEPE Accelerometer Series Datasheet, 124M2609 Rev. H, cable ordering information, p. 19.

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