

APTER POWER PRODUCT TECHNICAL REFERENCE

200151-40-03-00

200151 Accelerometer Interface Standard Cable

This is a 200151 accelerometer interface standard cable with connectors on both ends, 4.0 m length, blue armored cable and standard coupling nuts.

It links an accelerometer to the related monitoring connection so the acceleration signal can travel through the specified shielded interconnect.

Document field	Value
Manufacturer	Bently Nevada
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

200151-40-03-00

1. Product Overview and Identity

This is a 200151 accelerometer interface standard cable with connectors on both ends, 4.0 m length, blue armored cable and standard coupling nuts.

It links an accelerometer to the related monitoring connection so the acceleration signal can travel through the specified shielded interconnect.

Model Configuration

Field	Verified value
Complete model	200151-40-03-00
Manufacturer	Bently Nevada
Product description	200151 Accelerometer Interface Standard Cable

Key Features

- Exact product identifier: 200151-40-03-00
- The cable is used with the 20015x accelerometer family; its construction uses four 22 AWG conductors with braided shield, drain wire and PVC outer jacket.
- The armored 4.0 m option is used where a routed vibration-signal interconnect requires the selected cable protection arrangement.
- Preserve at least the 63.5 mm bend radius when securing the armored cable in the field route.

2. Technical Specifications

Technical data for 200151-40-03-00 is organized below for engineering review and configuration control.

Parameter	Technical value
Cable length	4.0 m
End connectors	2
Aarmor option	Blue cable with armor
Coupling nut	Standard
Minimum bend radius	63.5 mm

Configuration Control

Preserve at least the 63.5 mm bend radius when securing the armored cable in the field route.

3. Functions, Applications and Components

Core Function

200151-40-03-00 transports the accelerometer output through shielded conductors to the monitoring interface. Connector count, armor selection and bend control define how the cable is installed.

Application Areas

Application	System role
Sensor interconnect	200151-40-03-00 links the accelerometer with monitoring hardware.
Shielded routing	The cable construction supports protected low-level signal transfer.
Panel connection	The terminated route reaches the applicable monitoring input.
Machine installations	Cable supports and bend control keep the route mechanically stable.

Compatible Components

- Compatible 20015x accelerometer
- Monitoring input or interface module
- Connector mating hardware named by the cable option
- Cable supports maintaining the specified bend radius

4. Installation Precautions

- Confirm both termination requirements for 200151-40-03-00.
- Plan the cable path using the stated minimum bend radius.
- Protect the shielded route from abrasion and mechanical tension.
- Seat each available connector without twisting the sensor body.

Engineering FAQ - Questions 1 to 4

What engineering function does 200151-40-03-00 perform in its monitoring loop?

200151-40-03-00 transports the accelerometer output through shielded conductors to the monitoring interface. Connector count, armor selection and bend control define how the cable is installed.

Which cable length applies to 200151-40-03-00?

The configured cable length for 200151-40-03-00 is 4.0 m.

What end connectors must be checked when specifying 200151-40-03-00?

Use 2 for the end connectors when reviewing this complete model.

How does the armor option selection affect 200151-40-03-00?

This configuration identifies armor option as Blue cable with armor; include that value in the installation record.

Manufacturer Technical Source

200150, 200155 and 200157 Accelerometers Datasheet 164986