

APTER POWER INSTALLATION AND APPLICATION GUIDE

200152-XX-XX-XX MOD: 323357-10-03-10

Field planning for 200152 Accelerometer Interface Standard Cable

This is a 200152 accelerometer interface standard cable configuration with a connector at the accelerometer end only.

The cable carries the accelerometer signal from the transducer toward the connected monitoring hardware while providing the specified shielded cable construction.

Document field	Value
Manufacturer	Bently Nevada
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SCAN FOR PRODUCT & QUOTE

200152-XX-XX-XX MOD: 323357-10-03-10

1. Signal Path and System Function

200152-XX-XX-XX MOD: 323357-10-03-10 transports the accelerometer output through shielded conductors to the monitoring interface. Connector count, armor selection and bend control define how the cable is installed.

Configured Hardware Chain

- 1

Compatible 20015x accelerometer
- 2

Monitoring input or interface module
- 3

Connector mating hardware named by the cable option
- 4

Cable supports maintaining the specified bend radius

Signal Objective

The cable carries the accelerometer signal from the transducer toward the connected monitoring hardware while providing the specified shielded cable construction.

2. Mechanical and Electrical Planning

Model-Specific Planning Data

Planning item	Configured value
Accelerometer-end connector	1
Conductors	4
Conductor size	22 AWG
Minimum bend radius	73.7 mm
Operating temperature	-20 to +100 C

Fit and Route Review

- Route the cable without bending tighter than the 73.7 mm minimum radius specified for 200152 cable.
- Keep the complete 200152-XX-XX-XX MOD: 323357-10-03-10 identifier with the installation record.
- Confirm the selected companion components before field assembly.
- Reserve access for connector inspection and baseline measurements.

3. Installation and Commissioning Sequence

- 1

Confirm both termination requirements for 200152-XX-XX-XX MOD: 323357-10-03-10.
- 2

Plan the cable path using the stated minimum bend radius.
- 3

Protect the shielded route from abrasion and mechanical tension.
- 4

Seat each available connector without twisting the sensor body.
- 5

Verify continuity and stable signal response after routing.

Commissioning Record

Record field	Entry
Model	200152-XX-XX-XX MOD: 323357-10-03-10
Measurement point	Machine tag and physical location
Baseline	Gap, acceleration or continuity value as applicable
Release check	Stable signal and secure mechanical installation

4. Diagnostic Checks and Engineer Questions

Diagnostic Checks

- Signal loss: test conductor continuity from sensor to monitor.
- Intermittent output: inspect connector coupling and strain relief.
- Noise pickup: review shield path and separation from power cables.
- Damaged armor: replace the cable before returning the channel to service.

Engineering FAQ - Questions 5 to 8

Which minimum bend radius is associated with 200152-XX-XX-XX MOD: 323357-10-03-10?

The technical value is 73.7 mm for the minimum bend radius of this model.

What companion hardware should be confirmed for 200152-XX-XX-XX MOD: 323357-10-03-10?

Confirm compatible 20015x accelerometer, monitoring input or interface module, connector mating hardware named by the cable option.

What is the first commissioning check for 200152-XX-XX-XX MOD: 323357-10-03-10?

Route the cable without bending tighter than the 73.7 mm minimum radius specified for 200152 cable.

Where is 200152-XX-XX-XX MOD: 323357-10-03-10 applied and what signal behavior should the engineer verify?

It supports machine casing vibration channels where the signal cable must be routed from a 20015x accelerometer to the associated monitoring connection. Verify a stable response at the configured monitoring input before releasing the channel.

Technical Source

200150, 200155 and 200157 Accelerometers Datasheet 164986