

200151-XX-XX-XX MOD: 323357-15-03-00

Accelerometer Interface Cable Assembly

Bently Nevada 200151-XX-XX-XX MOD: 323357-15-03-00 is an accelerometer interface cable assembly. It connects the configured accelerometer to a ProTIM-R monitoring point for field vibration data acquisition.

Manufacturer	Bently Nevada
Product family	ProTIM-R Accelerometer Interface
Part number	323357-15-03-00
Country of origin	USA
Source	200200 ProTIM-R Datasheet and 200150 Series Accelerometer Datasheet — 163662 Rev. AL / 164986 Rev. Y

Product role

- 1

Connects an accelerometer circuit to a ProTIM-R monitoring point
- 2

Carries sensor power and signal through a shielded four-conductor assembly
- 3

Provides keyed connections at both installed endpoints
- 4

Supports sealed field installation to IP67

Document purpose

Technical review	Model identity and manufacturer-published values
Installation review	Mounting, connection and companion-hardware checks
Commissioning review	Controlled signal, diagnostic and functional response

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323357-15-03-00

1. Technical specifications

The following values are transcribed only from the manufacturer records named in this document.

Cable family	200151
Conductors	4, 22 AWG
Shield	Foil with drain, 100% coverage
Jacket material	PVC
ProTIM-R connector	5-pin keyed
Transducer connector	PT06F8-4S or equivalent
Ingress protection	IP67
Cable assembly listing	UL 2238
Operating temperature	-20 to +100 degC
Low-temperature use	-40 degC when cable is not flexed
Minimum bend radius	63.5 mm

Configuration identity checks

Complete model	200151-XX-XX-XX MOD: 323357-15-03-00
Manufacturer part	323357-15-03-00
Installed family	ProTIM-R Accelerometer Interface
Record authority	163662 Rev. AL / 164986 Rev. Y

2. System function and integration

Bently Nevada 200151-XX-XX-XX MOD: 323357-15-03-00 is an accelerometer interface cable assembly. It connects the configured accelerometer to a ProTIM-R monitoring point for field vibration data acquisition.

Compatible installation elements

Component 1	200200 ProTIM-R
Component 2	compatible Bently Nevada accelerometer
Component 3	142485 housing cable adaptor or 141887 conduit cable adaptor when required
Component 4	installed mounting housing or conduit system

Engineered application matrix

ProTIM-R accelerometer connection	Connects an accelerometer circuit to a ProTIM-R monitoring point
Permanent machine vibration point	Carries sensor power and signal through a shielded four-conductor assembly
Shielded sensor cabling	Provides keyed connections at both installed endpoints
IP67 condition-monitoring installation	Supports sealed field installation to IP67

Related products on Apter Power

200150-06-CN	General-purpose accelerometer	Open product page
200155-00-CN	Low-frequency accelerometer	Open product page
200151-40-03-00	Accelerometer interface cable	Open product page
16710-50	Armored accelerometer cable	Open product page

3. Installation and commissioning controls

Verify the complete MOD identification and both mating connectors before routing 200151-XX-XX-XX MOD: 323357-15-03-00. Maintain bend radius, shielding and the required housing or conduit adaptor, then prove bias and vibration response.

- 1

Confirm the full 200151-XX-XX-XX MOD: 323357-15-03-00 label before work.
- 2

Isolate the ProTIM-R input before disconnecting either keyed connector.
- 3

Inspect the PVC jacket, foil-shield termination and molded connector seals.
- 4

Maintain the published bend radius, especially at enclosure entries.
- 5

Use the specified housing or conduit cable adaptor with the ProTIM-R connection.
- 6

Do not infer length or coupling execution from an unrelated standard 200151 code.
- 7

Confirm continuity, shield isolation and connector keying before energization.
- 8

Verify sensor bias and a controlled acceleration response after installation.

Acceptance record

Identity	200151-XX-XX-XX MOD: 323357-15-03-00 recorded
Mounting / connection	200200 ProTIM-R
Companion hardware	compatible Bently Nevada accelerometer
Functional duty	ProTIM-R accelerometer connection
As-left evidence	Connections, diagnostics and controlled response recorded

Return-to-service sequence

1	Confirm physical security and connector condition
2	Restore the documented channel or system configuration
3	Observe stable diagnostics before applying a controlled test
4	Record the final process response and release authorization

4. Engineer FAQ and source record

Can parameters from a similar model be used for 200151-XX-XX-XX MOD: 323357-15-03-00?	No. Retain only values and configuration details that apply directly to the complete 200151-XX-XX-XX MOD: 323357-15-03-00 ordering code and installed system.
What maintenance evidence should be retained for 200151-XX-XX-XX MOD: 323357-15-03-00?	Retain the full 200151-XX-XX-XX MOD: 323357-15-03-00 identity, as-left mounting and connections, continuity or bias checks, diagnostics and the final functional-test result.
What should be verified before returning 200151-XX-XX-XX MOD: 323357-15-03-00 to service?	Confirm secure mounting, connector integrity, restored configuration, stable signal behavior and the intended response of the associated monitoring channel.
What must be matched before replacing 200151-XX-XX-XX MOD: 323357-15-03-00?	Match the complete 200151-XX-XX-XX MOD: 323357-15-03-00 marking, accelerometer interface cable assembly, installed mounting or connector execution and the approved equipment record before removal.
Which system components should be checked with 200151-XX-XX-XX MOD: 323357-15-03-00?	Confirm the installed 200200 ProTIM-R, compatible Bently Nevada accelerometer and the assigned monitoring or connection point are the documented combination for 200151-XX-XX-XX MOD: 323357-15-03-00.
How should wiring or cabling for 200151-XX-XX-XX MOD: 323357-15-03-00 be recorded?	Record conductor identity, shield termination, connector orientation, cable route and the as-found diagnostic state before disconnecting 200151-XX-XX-XX MOD: 323357-15-03-00.
What installation control is important for 200151-XX-XX-XX MOD: 323357-15-03-00?	Use the model-specific mounting arrangement, protect mating surfaces and maintain the documented cable support and mechanical clearance for 200151-XX-XX-XX MOD: 323357-15-03-00.
How is 200151-XX-XX-XX MOD: 323357-15-03-00 checked during commissioning?	Apply the approved controlled test for protim-r accelerometer connection, verify polarity or direction where applicable, and compare the measured response with the configured channel.

Manufacturer source identifiers

Document title	200200 ProTIM-R Datasheet and 200150 Series Accelerometer Datasheet
Publication / revision	163662 Rev. AL / 164986 Rev. Y
Manufacturer	Bently Nevada / Baker Hughes

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