

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.

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

Manufacturer	Bently Nevada
Product name	Accelerometer Interface Cable Assembly
Product family	ProTIM-R Accelerometer Interface
Part number	323357-15-03-00
Country of origin	USA

Core system roles

- 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

Engineering note

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. Technical data

Official manufacturer values for the complete product record are arranged below for engineering review.

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 verification

Complete model	200151-XX-XX-XX MOD: 323357-15-03-00
Official product family	ProTIM-R Accelerometer Interface
Primary source	200200 ProTIM-R Datasheet and 200150 Series Accelerometer Datasheet — 163662 Rev. AL / 164986 Rev. Y
Installation record	Physical marking and installed interfaces retained

Parameter authority	Only values directly assigned to the complete model are used
Identity authority	Physical marking and manufacturer ordering code
Change control	Installed arrangement retained before replacement
Acceptance authority	Approved site test and final diagnostic record

2. Functions, components and applications

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

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 Apter Power product pages

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

Integration statement

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.

3. Precautions and return-to-service evidence

- 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.

Commissioning evidence matrix

Identity	Full 200151-XX-XX-XX MOD: 323357-15-03-00 marking confirmed
Installed component	200200 ProTIM-R
Paired hardware	compatible Bently Nevada accelerometer
Primary duty	ProTIM-R accelerometer connection
Functional test	Connects an accelerometer circuit to a ProTIM-R monitoring point
Release record	Diagnostics and as-left response retained

ProTIM-R accelerometer connection	Verify the connects an accelerometer circuit to a protim-r monitoring point response under controlled conditions
Permanent machine vibration point	Verify the carries sensor power and signal through a shielded four-conductor assembly response under controlled conditions
Shielded sensor cabling	Verify the provides keyed connections at both installed endpoints response under controlled conditions
IP67 condition-monitoring installation	Verify the supports sealed field installation to ip67 response under controlled conditions

4. Engineer FAQ and controlled 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.

Source identifiers

Manufacturer	Bently Nevada / Baker Hughes
Official document	200200 ProTIM-R Datasheet and 200150 Series Accelerometer Datasheet
Publication / revision	163662 Rev. AL / 164986 Rev. Y
Applied product	200151-XX-XX-XX MOD: 323357-15-03-00