

Installation Identity and Scope

Bently Nevada 9200-03-02-02-00 is a 9200 two-wire moving-coil velocity transducer configured for 90 deg +/-2.5 deg operation and a 4.5 Hz (270 cpm) minimum frequency. It provides self-generating absolute-vibration output through the documented side mount without cable interface.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	9200-03-02-02-00
Manufacturer	Bently Nevada
Hardware type	Seismoprobe Velocity Transducer
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141626 Rev. V

CONTROLLED ENGINEERING COPY

Verify the circular 1/4-28 unf stud mounting, side mount without cable connector, orientation and monitor input before installation. The No approvals option must be used only with the current manufacturer drawing and the complete supplied marking.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



9200-03-02-02-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 9200-03-02-02-00 marking.
2	Install only at the documented 90 deg +/-2.5 deg orientation.
3	Use the circular 1/4-28 unf stud mounting configuration.
4	Wire the side mount without cable interface with correct polarity.
5	Protect the moving-coil element from impact.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	9200-03-02-02-00
Physical interface	Exact Bently Nevada 9200-03-02-02-00 nameplate and installed revision
Companion check	Documented Seismoprobe Velocity Transducer system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 16M1081-01	View Bently Nevada 16M1081-01
Bently Nevada 1701-05	View Bently Nevada 1701-05
Bently Nevada 1701-15	View Bently Nevada 1701-15
Bently Nevada 170180-01-05	View Bently Nevada 170180-01-05
Bently Nevada 170180-02-00	View Bently Nevada 170180-02-00

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 9200-03-02-02-00 and the installed revision exactly.
Complete model	Verify the documented value: 9200-03-02-02-00.
Transducer family	Verify the documented value: 9200.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Seismoprobe Velocity Transducer function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Verify the circular 1/4-28 unf stud mounting, side mount without cable connector, orientation and monitor input before installation. The No approvals option must be used only with the current manufacturer drawing and the complete supplied marking.

Expected Technical Values

PARAMETER	VALUE
Complete model	9200-03-02-02-00
Transducer family	9200
Measurement type	Self-generating moving-coil velocity
Mounting angle option	03 = 90 deg +/-2.5 deg

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 177230-00-01-05	View Bently Nevada 177230-00-01-05
Bently Nevada 177230-01-01-05	View Bently Nevada 177230-01-01-05

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 9200-03-02-02-00 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 9200-03-02-02-00?	It is a 9200 moving-coil two-wire velocity transducer for absolute vibration measurement.
Which mounting orientation applies to Bently Nevada 9200-03-02-02-00?	Option 03 specifies 90 deg +/-2.5 deg operation with a 4.5 Hz (270 cpm) minimum operating frequency.
Which connector is used by Bently Nevada 9200-03-02-02-00?	The configured connector option is side mount without cable.
Which mounting base is used by Bently Nevada 9200-03-02-02-00?	Option 02 specifies circular 1/4-28 UNF stud.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 177230-01-01-CN	View Bently Nevada 177230-01-01-CN
Bently Nevada 177230-01-02-05	View Bently Nevada 177230-01-02-05
Bently Nevada 177230-01-02-CN	View Bently Nevada 177230-01-02-CN
Bently Nevada 177230-02-01-05	View Bently Nevada 177230-02-01-05
Bently Nevada 18622-030-01	View Bently Nevada 18622-030-01

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which approval applies to Bently Nevada 9200-03-02-02-00?	The final 00 option specifies No approvals.
What sensitivity applies to Bently Nevada 9200-03-02-02-00?	The official datasheet specifies 20 mV/mm/s (500 mV/in/s), within the published tolerance.
What temperature range applies to Bently Nevada 9200-03-02-02-00?	The official operating and storage range for this family is -29 to +121 deg C.
What confirms commissioning of Bently Nevada 9200-03-02-02-00?	Mounting angle, base, connector wiring, polarity and the measured absolute-vibration response must agree with the approved record.

MANUFACTURER SOURCE RECORDS

Bently Nevada 9200 and 74712 Seismoprobe Velocity Transducers Datasheet - Baker Hughes / Bently Nevada publication 141626 Rev. V

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	9200-03-02-02-00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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