

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Bently Nevada 9200-01-05-10-00

Two-wire moving-coil Seismoprobe velocity transducer

TECHNOLOGY	LOWER LIMIT	MOUNTING	APPROVAL
Moving coil	4.5 Hz	M10x1	None

For qualified personnel. This concise reference does not replace the complete manufacturer instructions, controlled drawings or site safety procedures. Verify the exact model and installation before use.

01

CONFIRM ORDERED CONFIGURATION

Product model	9200-01-05-10-00
Mounting orientation	0 degrees +/-2.5 degrees; 0 degrees is vertical
Connection	Top terminal block B05; no integral cable
Mounting base	Circular M10x1, option C10
Mounting torque	5.6 N m for the M10x1 base
Approval selection	D00: no approvals

02

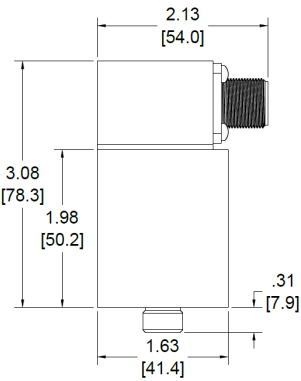
INSTALLATION CONTROLS

- Use a representative bearing-housing or casing location and the specified calibration orientation.
- The manufacturer describes standard installation in a protected enclosure with wiring protected in conduit.
- Check the exact terminal-block option; see Figure 6 in the original drawing on the next page.

03 OFFICIAL TERMINAL-BLOCK DRAWING

9200 and 74712 Seismoprobe Velocity Transducers
Datasheet

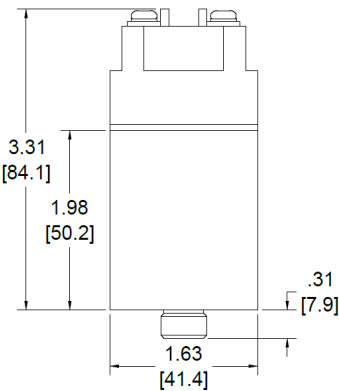
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Figure 5: Side Mounted Connector

(9200 Option B-02 or 74712 Option C-04)



-05

Figure 6: Terminal Block Connector

(9200 Option B-05 or 74712 Option C-03)

141626 Rev. V, original p. 13. Use lower Figure 6 for this B05 terminal-block configuration. Upper Figure 5 shows a different side-connector option; it is retained as unchanged source-page context.

04

CONNECTION & FUNCTIONAL CHECKS

01	Verify the 0-degree vertical mounting orientation within +/-2.5 degrees and the M10x1 attachment.
02	Confirm the protected enclosure and conduit arrangement. This B05 option has no integral cable.
03	Check A/B signal polarity: A becomes positive relative to B when case velocity is toward the connector.
04	Use a compatible velocity input. Published sensitivity uses a 10 kilohm A-to-B load under the stated test conditions.
05	Confirm representative machine vibration reaches the selected mounting point; poor installation can alter amplitude or frequency response.
06	Check monitor configuration and baseline measurements before restoring the protection or diagnostic function.

05

RESTRICTIONS & SOURCE INSTRUCTIONS

- This 9200 temperature range is -29 to +121 C. Do not copy the higher 74712 temperature rating.
- D00 means no approvals. Hazardous-area certification and installation requirements cannot be borrowed from another option.
- The 9200 and solid-state velocity sensors differ in power and dynamic response; an alternative requires complete system verification.

Official 141626 Rev. V - instructions, configuration and drawings

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM