

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 74712-03-11-02-00

High-temperature two-wire Seismoprobe velocity transducer



PRODUCT	74712-03-11-02-00
THREAD	Isolated circular M10X1 base
ORDERED LENGTH	Top-mount connector
APPROVAL	No approvals

Prepared by Amikon Limited from official Datasheet 141626 Rev. V. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Thread / mounting	Isolated circular M10X1 base
Armor / input	High-temperature construction
Unthreaded / full scale	90 degrees mounting angle
Case / construction	4.5 Hz minimum frequency
Cable / system	Top-mount connector
Connector / output	Top-mount connector
Approval option	No approvals

02 MECHANICAL MOUNTING

- Verify the complete order number 74712-03-11-02-00 before installation.
- Use the specified Isolated circular M10X1 base mounting and protect sensing or terminal surfaces.
- Preserve the ordered 90 degrees mounting angle and 4.5 Hz minimum frequency mechanical configuration.
- Do not force the case, cable, connector, terminals, or mounting hardware.
- Confirm compatible system components before commissioning.

MECHANICAL INSTALLATION DRAWING

9200 and 74712 Seismoprobe Velocity Transducers
Datasheet

141626 Rev. V

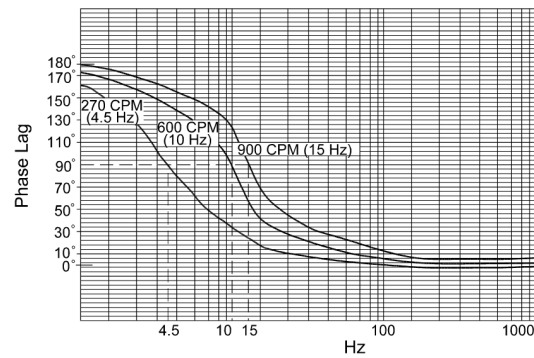
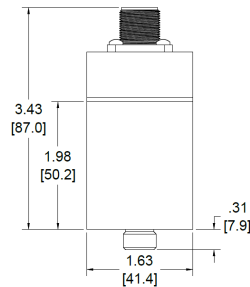


Figure 3: Theoretical Phase Shift between Output and Case Velocity

All dimensions are shown in inches [millimeters].



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Figure 4: Top Mounted Connector

(9200 Option B-01 or 74712 Option C-02)

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CABLE ROUTING AND CONNECTION

- Maintain the ordered Top-mount connector configuration.
- Route signal wiring away from high-voltage power conductors.
- Protect cable, connector and terminals from contamination and moisture.
- Do not exceed manufacturer bend-radius or connector-torque limits.
- Verify grounding and hazardous-area requirements before energizing.

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INITIAL GAP AND SYSTEM CHECKS

- Complete wiring and compatibility checks before commissioning.
- Confirm gap voltage, loop current, or axial position using the official procedure.
- Verify monitor or control-system channel configuration and alarm logic.
- Record the installed order number and measured baseline values.

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CONTROLLED DOCUMENTS

Official datasheet	141626 Rev. V
Product record	74712-03-11-02-00
Manufacturer	Baker Hughes / Bently Nevada
Support	INFO@AMIKON.CN