

Installation Identity and Scope

Bently Nevada 74712-06-12-04-04 is a 74712 two-wire moving-coil velocity transducer configured for 0 deg +/-100 deg operation and a 10 Hz (600 cpm) minimum frequency. It provides self-generating absolute-vibration output through the documented side mount interface.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	74712-06-12-04-04
Manufacturer	Bently Nevada
Hardware type	High-Temperature Seismoprobe
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141626 Rev. V

CONTROLLED ENGINEERING COPY

Verify the isolated circular 1/2-20 unf base mounting, side mount connector, orientation and monitor input before installation. The ATEX / IECEx option must be used only with the current manufacturer drawing and the complete supplied marking.

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74712-06-12-04-04

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 74712-06-12-04-04 marking.
2	Install only at the documented 0 deg +/-100 deg orientation.
3	Use the isolated circular 1/2-20 unf base mounting configuration.
4	Wire the side mount interface with correct polarity.
5	Protect the moving-coil element from impact.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	74712-06-12-04-04
Physical interface	Exact Bently Nevada 74712-06-12-04-04 nameplate and installed revision
Companion check	Documented High-Temperature Seismoprobe 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 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

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 74712-06-12-04-04 and the installed revision exactly.
Complete model	Verify the documented value: 74712-06-12-04-04.
Transducer family	Verify the documented value: 74712.
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 High-Temperature Seismoprobe function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Verify the isolated circular 1/2-20 unf base mounting, side mount connector, orientation and monitor input before installation. The ATEX / IECEx option must be used only with the current manufacturer drawing and the complete supplied marking.

Expected Technical Values

PARAMETER	VALUE
Complete model	74712-06-12-04-04
Transducer family	74712
Measurement type	Self-generating moving-coil velocity
Mounting angle option	06 = 0 deg +/-100 deg

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 18745-03	View Bently Nevada 18745-03
Bently Nevada 18745-04	View Bently Nevada 18745-04

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 74712-06-12-04-04 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 74712-06-12-04-04?	It is a 74712 moving-coil two-wire velocity transducer for absolute vibration measurement.
Which mounting orientation applies to Bently Nevada 74712-06-12-04-04?	Option 06 specifies 0 deg +/-100 deg operation with a 10 Hz (600 cpm) minimum operating frequency.
Which connector is used by Bently Nevada 74712-06-12-04-04?	The configured connector option is side mount.
Which mounting base is used by Bently Nevada 74712-06-12-04-04?	Option 12 specifies isolated circular 1/2-20 UNF base.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 1900-27-03	View Bently Nevada 1900-27-03
Bently Nevada 1900-55	View Bently Nevada 1900-55
Bently Nevada 1900-65A	View Bently Nevada 1900-65A
Bently Nevada 1900-65A-167699-02	View Bently Nevada 1900-65A-167699-02
Bently Nevada 1900-65A-167699-02-034712	View Bently Nevada 1900-65A-167699-02-034712

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which approval applies to Bently Nevada 74712-06-12-04-04?	The final 04 option specifies ATEX / IECEx.
What sensitivity applies to Bently Nevada 74712-06-12-04-04?	The official datasheet specifies 20 mV/mm/s (500 mV/in/s), within the published tolerance.
What temperature range applies to Bently Nevada 74712-06-12-04-04?	The official operating and storage range for this family is -29 to +204 deg C.
What confirms commissioning of Bently Nevada 74712-06-12-04-04?	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	74712-06-12-04-04 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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