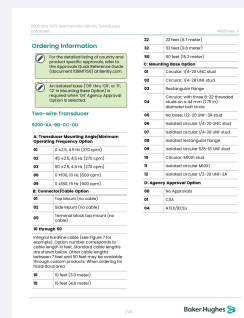


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

9200-03-02-02-00

Seismoprobe velocity transducer



PRODUCT	9200-03-02-02-00
FAMILY	9200 and 74712 Seismoprobe velocity transducers
FUNCTION	Seismoprobe velocity transducer
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from 9200 and 74712 Seismoprobe Velocity Transducers documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Mounting Orientation	90 deg +/-2.5 deg; 4.5 Hz minimum
Mounting Base	Circular 1/4-28 UNF
Connector Arrangement	Side mount, no cable
Agency Approval	No approvals
Case Material	Anodized aluminum A204
Height	102 mm typical

02

PREPARATION AND CONNECTION

- Confirm the complete 9200-03-02-02-00 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

9200 and 74712 Seismoprobe Velocity Transducers
Datasheet

141626 Rev. V

Ordering Information



For the detailed listing of country and product specific approvals, refer to the Approvals Quick Reference Guide (document 108M1756) at Bently.com.



An isolated base ('06' thru '09', or '11', '12' in Mounting Base Option) is required when '04' Agency Approval Option is selected.

Two-wire Transducer

9200-AA-BB-CC-DD

A: Transducer Mounting Angle/Minimum Operating Frequency Option

01	0 ±2.5, 4.5 Hz (270 cpm)
02	45 ±2.5, 4.5 Hz (270 cpm)
03	90 ±2.5, 4.5 Hz (270 cpm)
06	0 ±100, 10 Hz (600 cpm)
09	0 ±180, 15 Hz (900 cpm)

B: Connector/Cable Option

01	Top Mount (no cable)
02	Side Mount (no cable)
05	Terminal block top mount (no cable)

10 through 50

Integral hardline cable (see Figure 7 for example). Option number corresponds to cable length in feet. Standard cable lengths are shown below. Other cable lengths between 7 feet and 50 feet may be available through custom products. When ordering for hazardous area

10	10 feet (3.0 meter)
15	15 feet (4.6 meter)

22	22 feet (6.7 meter)
32	32 feet (9.8 meter)
50	50 feet (15.2 meter)

C: Mounting Base Option

01	Circular; 1/4-20 UNC stud
02	Circular; 1/4-28 UNF stud
03	Rectangular flange
04	Circular; with three 8-32 threaded studs on a 44 mm (1.75 in) diameter bolt circle
05	No base; 1/2-20 UNF-3A stud
06	Isolated circular 1/4-20 UNC stud
07	Isolated circular 1/4-28 UNF stud
08	Isolated rectangular flange
09	Isolated circular 5/8-18 UNF stud
10	Circular; M10X1 stud
11	Isolated circular M10X1
12	Isolated circular 1/2-20 UNF-2A

D: Agency Approval Option

00	No Approvals
01	CSA
04	ATEX/IECEX

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Bently Nevada official manufacturer documentation
Product record	9200-03-02-02-00
Manufacturer	9200 and 74712 Seismoprobe Velocity Transducers
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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