

Bently Nevada 9200-02-05-05-00 Manual

Brand	Bently Nevada
Product Series	9200
Product Type	Two-Wire Velocity Seismoprobe Transducer

Description

Part Number: 9200-02-05-05-00

Model: Two-Wire Velocity Seismoprobe Transducer

Manufacturer: Bently Nevada

Condition: New & Original in Factory Packing

Factory Warranty: 12 Months

Ordering Information

Model 9200 Two-wire Transducer

Transducer Mounting Angle/Minimum Operating Frequency Option 02 45 $\pm$ 2.5, 4.5 Hz (270 cpm)

Connector Option 05 Terminal block top mount

Mounting Base Option 05 No base; 1/2-in 20 UNF-3A stud

Agency Approval Option 00 No approvals required

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Sensitivity

20 mV/mm/s (500 mV/in/s),
 $\pm$ 5% when properly terminated
and oriented at the angle of
calibration.

Calibration

Load

10 k Ω Terminal "A" to "B" Output
taken across pins "A" and "B"

Sensitivity

Temperature

Coefficient

0.2%/°C

Dynamic

operating

range

2.54 mm (0.100 in) peak to
peak maximum displacement.

Velocity

Range

25 mm/s (1 in/s) (at +22 °C of
casing vibration at 100 Hz with
a 10 k Ω load.

Coil

Resistance 1.25 k Ω $\pm$ 5%

Locked Coil

Inductance 125 mH, typical

Operating and Storage

Temperature:

9200: -29°C to +121°C

(-20°F to +250°F).

74712: -29°C to +204°C

(-20°F to +400°F).

Environment

Dust and moisture resistant.

Relative

Humidity

To 95%, noncondensing.

100%, non-submerged, when
ordered with integral cable.

Case and

Adapter

Material

Anodized aluminum A204

Gasket

Material

9200: Neoprene

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Height

102 mm (4 in) typical

(depending on connector
option).

Diameter 41 mm (1.6 in) typical.

Weight

9200

= 300 grams (10.5
ounces) typical.