

# Bently Nevada 9200-03-01-10-00 Manual

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

## Description

Part Number: 9200-03-01-10-00

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 03 90  $\pm 2.5$ , 4.5 Hz (270 cpm)

Connector Option 01 Top Mount (no cable)

Mounting Base Option 10 Circular; M10X1 stud

Agency Approval Option 00 No approvals required

### 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 $\Omega$  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 $\Omega$  load.

### Coil

Resistance 1.25 k $\Omega$   $\pm 5\%$



#### 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

#### 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.

