9200 SEISMOPROBE VELOCITY TRANSDUCER

Product Data Sheet

9200-03-02-10-00

Seismoprobe velocity transducer

MOUNTING ORIENTATION	MINIMUM OPERATING FREQUENCY	CONNECTION OPTION	MOUNTING STUD
90 +/-2.5 degrees	**4.5 Hz**	**Side mount without cable**	**Circular M10 x 1**

Bently Nevada 9200-03-02-10-00 is a Seismoprobe velocity transducer in the 9200 Seismoprobe velocity transducer. The complete order code identifies 90-degree orientation, 4.5 Hz minimum frequency and side connection.

01 VERIFIED TECHNICAL DATA

Mounting orientation	90 +/-2.5 degrees
Minimum operating frequency	4.5 Hz
Connection option	Side mount without cable
Mounting stud	Circular M10 x 1
Approval option	Not required
Sensitivity	20 mV/mm/s +/-5%
Calibration load	10 kohm
Frequency response	Up to 1000 Hz
Operating temperature	-29 to +121 deg C
Maximum shock	1000 g peak

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Transducer diameter	41 mm typical
Transducer height	102 mm typical
Nominal coil resistance	Documented velocity coil
Measurement principle	Moving-coil seismic velocity
Housing material	Stainless steel

03 DOCUMENTED USE SETTINGS

Bearing Housing Velocity and Machinery Condition Measurement: Bearing housing velocity measurement across turbine generator trains.

Compression and Pumping Machinery Condition Monitoring: Pipeline compressor bearing vibration across transmission stations.

Rolling Mill and Mineral Processing Machinery Monitoring: Rolling mill drive vibration across metal processing operations.

04 SYSTEM COMPATIBILITY

Integrate 9200-03-02-10-00 only within the compatible 9200 Seismoprobe velocity transducer. The complete code must agree with the mating sensor chain, mounting arrangement and signal-conditioning hardware.

05 PRODUCT EVIDENCE

Bently Nevada official manufacturer document for 9200 Seismoprobe velocity transducer

AMIKON PRODUCT SUPPORT

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