9200 SEISMOPROBE

Product Data Sheet

9200-09-01-06-04

Moving-coil velocity sensing transducer

MOUNTING ANGLE SELECTION	MINIMUM OPERATING FREQUENCY	CONNECTOR PLACEMENT	MOUNTING BASE
0 degrees +/-180 degrees	**15 Hz**	**Top mount, no integral cable**	**Isolated circular, 1/4-20 UNC stud**

Bently Nevada 9200-09-01-06-04 is a two-wire moving-coil Seismoprobe velocity transducer. It generates an output proportional to casing vibration velocity, with the 09 selection providing a 15 Hz minimum operating frequency and a 0 degree +/-180 degree mounting-angle range.

01 TECHNICAL DATA

Mounting angle selection	0 degrees +/-180 degrees
Minimum operating frequency	15 Hz
Connector placement	Top mount, no integral cable
Mounting base	Isolated circular, 1/4-20 UNC stud
Approval selection	04: ATEX/IECEx
Nominal sensitivity	20 mV/(mm/s) +/-5%
Calibration load	10 kohm across A and B
Frequency upper limit	1 kHz
Maximum displacement	2.54 mm peak to peak
Coil resistance	1.25 kohm +/-5%

Bently Nevada 9200 Seismoprobe Datasheet 141626 Rev. V, applicable specification, ordering and dimensional sections.

02 ADDITIONAL PRODUCT DATA

Locked-coil inductance	125 mH typical
Amplitude linearity	+/-5% at 100 Hz
Operating and storage temperature	-29 to +121 C
Maximum mounting torque	5.6 N m
Output polarity	A positive relative to B toward connector

03 PRODUCT FUNCTION

This execution has a top connector without an integral cable and an isolated circular mounting base with a 1/4-20 UNC stud. The 04 approval selection identifies the ATEX/IECEx option, for which the isolated base is required. Nominal sensitivity is 20 mV/(mm/s) into the specified 10 kohm load.

04 SYSTEM COMPATIBILITY

Fit the isolated 1/4-20 circular mounting base and preserve the approved connector and cable arrangement. The isolated base is required with approval option 04. The source gives 5.6 N m mounting torque for the threaded-base options.

05 REFERENCE

Bently Nevada 9200 Seismoprobe Datasheet 141626 Rev. V, applicable specification, ordering and dimensional sections.

AMIKON PRODUCT SUPPORT

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