

9200-03-05-10-00

Velocity Transducer

It is a 90-degree 9200 Seismoprobe with 4.5 Hz minimum response, top terminal block and M10 x 1 mounting stud.

Manufacturer	Bently Nevada
Product family	9200 Seismoprobe velocity transducer system
Complete model	9200-03-05-10-00
Source record	141626 Rev. V

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330103-12-25-10-01-00	OPEN
02	Bently Nevada 330103-12-25-10-02-00	OPEN
03	Bently Nevada 130118-0050-02	OPEN
04	Bently Nevada 900800XL-090-03-01	OPEN
05	Bently Nevada 330877-040-37-00	OPEN
06	Bently Nevada 3300-50-01-01-00-02	OPEN

APTER POWER SALES TEAM

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WEBSITE www.apterpower.com



9200-03-05-10-00

Exact-model technical record

Complete model	9200-03-05-10-00	Approval option	None
Manufacturer	Bently Nevada	Sensitivity	20 mV/mm/s (500 mV/in/s), +/-5%
Product family	9200 Seismoprobe velocity transducer	Calibration load	10 kohm
Orientation	90 degrees +/-2.5 degrees	Coil resistance	1.25 kohm, +/-5%
Minimum frequency	4.5 Hz	Coil inductance	125 mH typical
Connection	Terminal block, top mount, no cable	Maximum cable length	305 m
Mounting stud	Circular M10 x 1	Operating temperature	-29 to +121 degC

OFFICIAL SOURCE COVERAGE

Source 1	9200 and 74712 Seismoprobe Velocity Transducers Datasheet — Ordering Information, 141626 Rev. V
Source 2	9200 and 74712 Seismoprobe Velocity Transducers Datasheet — Specifications, 141626 Rev. V
Source 3	9200 and 74712 Seismoprobe Velocity Transducers Datasheet — Description and ordering notes, 141626 Rev. V

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System role and applications

Case vibration

Measures absolute bearing-housing vibration on rotating machinery.

Low-frequency velocity

Provides a velocity signal from the documented 4.5 Hz lower-frequency option.

Permanent seismic monitoring

Supports fixed industrial vibration-monitoring installations.

Exact Seismoprobe renewal

Preserves orientation, terminal and stud identity during replacement.

ENGINEERING BOUNDARY

Verify 9200-03-05-10-00, the 90-degree orientation, 4.5 Hz response, top terminal block, M10 x 1 stud, machine surface and monitor input before installation.

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Model-specific engineering questions

Q1. Which orientation is ordered for Bently Nevada 9200-03-05-10-00?

Option 03 specifies a 90-degree orientation within +/-2.5 degrees.

Q2. What minimum frequency is associated with Bently Nevada 9200-03-05-10-00?

The 03 orientation option is documented with a 4.5 Hz minimum-frequency response.

Q3. How is field wiring connected to Bently Nevada 9200-03-05-10-00?

Option 05 provides a top-mounted terminal block without an integral cable.

Q4. Which mounting stud is supplied for Bently Nevada 9200-03-05-10-00?

Code 10 specifies the circular M10 x 1 mounting stud.

SOURCE IDENTIFIER

141626 Rev. V

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Acceptance reference and related products

Q5. What sensitivity should be configured for Bently Nevada 9200-03-05-10-00?

the specified sensitivity is 20 mV/mm/s (500 mV/in/s), with +/-5% tolerance under the specified conditions.

Q6. How long can the field cable be for Bently Nevada 9200-03-05-10-00?

The specified datasheet permits up to 305 m when the specified cable and input conditions are met.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330877-040-37-00	OPEN
02	Bently Nevada 3300-50-01-01-00-02	OPEN
03	Bently Nevada 3300-47-XX-XX-01-00	OPEN
04	Bently Nevada 3300-46-08-02-01-00	OPEN
05	Bently Nevada 16M1081-01	OPEN
06	Bently Nevada 330104-08-05-02-00	OPEN
07	Bently Nevada 330104-00-20-10-02-CN	OPEN
08	Bently Nevada 330103-13-23-05-02-00	OPEN
09	Bently Nevada 330103-10-20-05-02-CN	OPEN
10	Bently Nevada 169459-01	OPEN
11	Bently Nevada 88149-01	OPEN
12	Bently Nevada 84661-17	OPEN

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