

9200-03-05-10-00

Velocity Transducer

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

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.

CONTROLLED PREREQUISITES

Exact identity

Verify 9200-03-05-10-00 against the nameplate and controlled record.

Approved system

Confirm the documented 9200 Seismoprobe velocity transducer system system position and interfaces.

Evidence

Use 141626 Rev. V for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 22811-01-06-10-02	OPEN
02	Bently Nevada 1701-05	OPEN
03	Bently Nevada 330171-00-12-10-01-CN	OPEN
04	Bently Nevada 330103-15-23-05-02-CN	OPEN

APTER POWER SALES TEAM

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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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Installation and connection sequence

STEP 1

Verify the complete 9200-03-05-10-00 ordering code.

STEP 2

Place the connected vibration channel in maintenance state.

STEP 3

Inspect and prepare the mounting surface and M10 x 1 stud.

STEP 4

Preserve the 90-degree measurement orientation.

STEP 5

Terminate the top terminal block with the documented polarity.

STEP 6

Route shielded field wiring away from interference sources.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 22811-01-06-10-02	OPEN
02	Bently Nevada 1701-05	OPEN
03	Bently Nevada 330171-00-12-10-01-CN	OPEN
04	Bently Nevada 330103-15-23-05-02-CN	OPEN

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Commissioning and acceptance

CHECK 1

Confirm the receiving monitor uses the published velocity sensitivity.

CHECK 2

Prove polarity, amplitude and alarm response under controlled conditions.

CHECK 3

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.

CHECK 4

Retain the final 9200-03-05-10-00 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330103-11-19-10-02-00	OPEN
02	Bently Nevada 330101-00-18-10-02-00	OPEN
03	Bently Nevada 130530-0050-02	OPEN
04	Bently Nevada 128275-01E	OPEN
05	Bently Nevada 128031-01D	OPEN
06	Bently Nevada 107540-01A	OPEN

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Acceptance reference and related products

Identity	Complete model 9200-03-05-10-00 verified
Installed system	9200 Seismoprobe velocity transducer system
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 102045-040-00	OPEN
02	Bently Nevada 990-10-XX-01-05 MOD:163930-01	OPEN
03	Bently Nevada 330173-08-18-10-02-00	OPEN
04	Bently Nevada 330180-12-CN	OPEN
05	Bently Nevada 330901-00-90-10-02-CN	OPEN
06	Bently Nevada 330101-00-20-20-02-CN	OPEN
07	Bently Nevada 330102-00-35-10-02-CN	OPEN
08	Bently Nevada 330101-00-11-20-02-CN	OPEN

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