

INDUSTRIAL MACHINERY MONITORING PRODUCT

200350-02-00-01

Industrial Accelerometer

Bently Nevada 200350-02-00-01 is a rugged, hermetically sealed industrial accelerometer with an M8 x 1.25 stainless-steel mounting stud. It has 100 mV/g nominal sensitivity with +/-20% tolerance and CSA, ATEX and IECEx approvals.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Product	Industrial Accelerometer
Model	200350-02-00-01
Family	200350 and 200355 Accelerometers
Country of origin	USA

DOCUMENT SCOPE

Exact model identity, supported configuration data, installation checks, applications, precautions and controlled acceptance records.

MODEL-SPECIFIC ENGINEERING NOTE

Prepare a flat, clean mounting surface and torque the M8 x 1.25 stud according to the manufacturer installation instructions. Verify connector orientation, cable restraint and channel polarity before functional acceptance.

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200350-02-00-01

Verified Product Record

PARAMETER	VERIFIED VALUE
Mounting stud	1/4-28 to M8 x 1.25 stainless steel
Sensitivity	100 mV/g (10.2 mV/m/s^2)
Tolerance	+/-20%
Approvals	CSA, ATEX, IECEx
Connector	Top-mounted 2-pin MIL-C-5015
Housing	Hermetically sealed stainless steel

Installation Boundary

ENGINEERING BOUNDARY

Prepare a flat, clean mounting surface and torque the M8 x 1.25 stud according to the manufacturer installation instructions. Verify connector orientation, cable restraint and channel polarity before functional acceptance.

CHECK	REQUIRED RECORD
Identity	200350-02-00-01
Installed arrangement	Position, mating hardware, cable and termination
Configuration	Associated module or monitor channel
Acceptance	Diagnostics and controlled functional proof

SOURCE BOUNDARY

Baker Hughes / Bently Nevada publication 164804 Rev. T. Apply only the exact ordering-code values shown in this document and verify the installed marking before work.

System Role and Verification

Bently Nevada 200350-02-00-01 is a rugged, hermetically sealed industrial accelerometer with an M8 x 1.25 stainless-steel mounting stud. It has 100 mV/g nominal sensitivity with +/-20% tolerance and CSA, ATEX and IECEx approvals.

IDENTITY
Record 200350-02-00-01 from the physical marking.

INTERFACE
Document every mating part, connector and cable before disturbance.

CONFIGURATION
Confirm the associated system and channel using manufacturer records.

ACCEPTANCE
Restore the documented arrangement and prove operation before release.

Controlled Installation Checklist

NO.	CHECK
1	Verify 200350-02-00-01 from the physical marking and approval label.
2	Use the M8 x 1.25 stainless-steel mounting stud on a prepared mounting surface.
3	Keep the sensor base flat and free of contamination before tightening.
4	Support the cable so connector and sensor are not subjected to pull or repeated flexing.
5	Confirm constant-current input compatibility, channel polarity and sensitivity configuration.
6	Complete a controlled vibration-channel response and alarm-path check before release.

Applications and Model-Specific FAQ

GENERAL MACHINERY VIBRATION

Measures casing acceleration on motors, pumps and rotating equipment.

PERMANENT MONITORING POINTS

Supports fixed channels with a restrained interconnecting cable.

HARSH INDUSTRIAL LOCATIONS

Uses a sealed stainless-steel enclosure for demanding machinery environments.

TRENDMASTER-COMPATIBLE SENSING

Interfaces with documented Bently Nevada constant-current input hardware.

QUESTION	ANSWER
What product does 200350-02-00-01 identify?	Bently Nevada 200350-02-00-01 is a rugged, hermetically sealed industrial accelerometer with an M8 x 1.25 stainless-steel mounting stud. It has 100 mV/g nominal sensitivity with +/-20% tolerance and CSA, ATEX and IECEx approvals.
Which mounting stud applies to 200350-02-00-01?	The exact ordering record specifies 1/4-28 to M8 x 1.25 stainless steel.
How is the sensitivity defined for 200350-02-00-01?	The manufacturer ordering data gives 100 mV/g (10.2 mV/m/s^2).
Which Bently Nevada publication covers 200350-02-00-01?	Baker Hughes / Bently Nevada publication 164804 Rev. T.
What installation detail should be checked first for 200350-02-00-01?	Use the M8 x 1.25 stainless-steel mounting stud on a prepared mounting surface.
How should connections or routing be controlled for 200350-02-00-01?	Support the cable so connector and sensor are not subjected to pull or repeated flexing.
What acceptance evidence is required for 200350-02-00-01?	Complete a controlled vibration-channel response and alarm-path check before release.
What country of origin is listed for 200350-02-00-01?	The current publishing instruction specifies USA.

Precautions and Related Products

NO.	PRECAUTION
1	Verify 200350-02-00-01 from the physical marking and approval label.
2	Use the M8 x 1.25 stainless-steel mounting stud on a prepared mounting surface.
3	Keep the sensor base flat and free of contamination before tightening.
4	Support the cable so connector and sensor are not subjected to pull or repeated flexing.
5	Confirm constant-current input compatibility, channel polarity and sensitivity configuration.
6	Complete a controlled vibration-channel response and alarm-path check before release.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330103-00-10-10-12-05	Bently Nevada machinery-monitoring component	View 330103-00-10-10-12-05
330103-12-25-10-01-00	Bently Nevada machinery-monitoring component	View 330103-12-25-10-01-00
330104-00-22-10-02-00	Bently Nevada machinery-monitoring component	View 330104-00-22-10-02-00
330180-90-00	Bently Nevada machinery-monitoring component	View 330180-90-00
330101-00-53-10-12-05	Bently Nevada machinery-monitoring component	View 330101-00-53-10-12-05
330101-00-16-05-11-05	Bently Nevada machinery-monitoring component	View 330101-00-16-05-11-05
330101-30-60-10-02-05	Bently Nevada machinery-monitoring component	View 330101-30-60-10-02-05
330101-00-60-10-02-00	Bently Nevada machinery-monitoring component	View 330101-00-60-10-02-00

MANUFACTURER SOURCE RECORD

200350 and 200355 Accelerometers Datasheet
Baker Hughes / Bently Nevada publication 164804 Rev. T

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