Bently Nevada 200350-02-00-CN

Technical Reference / exact-marking boundary

Product family

200350 is a case-mounted piezoelectric accelerometer with a welded hermetic stainless-steel enclosure.

Stud option 02

The 200350 ordering table identifies a 1/4-28 to M8 x 1.25 stainless-steel mounting stud.

Tolerance option 00

The 200350 nominal sensitivity is 100 mV/g with a plus-or-minus 20% tolerance.

CN remains unresolved

The available 164804 ordering table lists approval options 00 and 01, not CN; verify the nameplate.

Scope of this document

Family ratings below are not proof that the unlisted CN suffix carries a particular approval.

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Electrical fact map

Use the 200350 column, not the 200355 column

Frequency response

The 200350 range is 0.5 to 10,000 Hz at plus-or-minus 3 dB under documented conditions.

Measurement range

The published 200350 range is plus-or-minus 50 g.

Excitation voltage

Positive 18 to 28 VDC; negative excitation is not specified for 200350.

Excitation current

Constant-current input of 2 to 20 mA.

Output bias

Expected 200350 output bias is 8 to 12 VDC with a matched input.

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Mechanical and system interface

Keep mounting, cable and monitor as separate items

Sensing geometry

The documented piezoelectric element uses shear geometry.

Housing

Welded hermetic stainless steel case for a casing-mounted machine point.

Connector

A top-mounted two-pin MIL-C-5015 connector mates with the specified signal cable.

Mounting location

Use an approved bearing housing or machine casing position; poor placement distorts response.

Monitoring input

Confirm the Trendmaster Pro or other approved constant-current channel and sensitivity setting.

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Evidence and related pages

Source identity and catalogue navigation stay separate

Full marking

This document retains the requested 200350-02-00-CN identity without deleting CN.

Supported decode

Only 02 mounting stud and 00 sensitivity tolerance are decoded from the 200350 order table.

Unresolved suffix

CN does not establish approval, region or interchangeability from the available source.

Related pages

Links below are navigation, not a replacement or compliance claim.

Manufacturer evidence: Baker Hughes / Bently Nevada, 200350 and 200355 Accelerometers Datasheet, 164804 Rev. T, specifications and 200350 ordering table.

Related Apter Power product pages / navigation only

- Bently Nevada 200350-02-00-01
- Bently Nevada 200350-12-00-CN
- Bently Nevada 200350-00-00-00

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