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Data Sheet

August 13, 2026

GE / BENTLY NEVADA

GE / Bently Nevada 3300/55-01-04-03-03-00-00-05-00 Dual Velocity Monitor

GE / Bently Nevada 3300/55 Dual Velocity Monitor The Bently Nevada 3300/55 Dual Velocity Monitor provides two channels of continuous on-line machinery vibration monitoring from Velomitor, HTVS, or velocity Seismoprobe transducers without interface modules. This configuration is 3300/55-01-04-03-03-00-00-05-00: dual peak-velocity inputs, Velomitor 100 mV/in/s, 0-2 in/s pk full scale on both channels, epoxy-sealed Velomitor relays, no trip multiply. The Bently Nevada 3300/55 Dual Velocity Monitor provides two channels of continuous on-line machinery vibration monitoring from Velomitor, HTVS, or velocity Seismoprobe transducers without interface modules. This configuration is 3300/55-01-04-03-03-00-00-05-00: dual peak-velocity inputs, Velomitor 100 mV/in/s, 0-2 in/s pk full scale on both channels, epoxy-sealed Velomitor relays, no trip multiply.



MODEL

**GE / Bently Nevada
3300/55-01-04-
03-03-00-00-05-
00**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**3300/55-01-04-
03-03-00-00-05-
00**

LISTING

**[https://aumictechlabs.c
om/products/3300-55-
01-04-03-03-00-00-05-
00-2/](https://aumictechlabs.com/products/3300-55-01-04-03-03-00-00-05-00-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

Input signal range: -10 Vdc to +10 Vdc Frequency response (Velocity Seismoprobe®): 3 Hz to 10,000 Hz (180 to 600,000 cpm) at -3 dB nominal Frequency response (HTVS and Velomitor®): 3 Hz to 3,000 Hz (180 to 180,000 cpm) at -3 dB nominal High-pass filter: Selectable from over 450 frequencies, 3 Hz to 400 Hz (180 to 24,000 cpm) Low-pass filter: Selectable from over 500 frequencies, 24 Hz to 3,000 Hz (1,440 to 180,000 cpm) Filter topology: 2-pole (40 dB/decade, 12 dB/octave); corner frequencies nominally -3 dB from passband Programmable sensitivity: 500 mV/in/s, 145 mV/in/s, or 100 mV/in/s via jumpers Integration: User-selectable per channel Output Specifications Buffered transducer outputs: One coaxial connector per channel (front panel) and one terminal connection per channel (rear panel), both short-circuit protected Buffered displacement output signal: 200 mV/mil (8 V/mm) Voltage outputs (+1 Vdc to +5 Vdc): $\pm 1.1\%$ of signal accuracy, ± 10 mV offset Voltage outputs (0 to -10 Vdc): $\pm 1.1\%$ of signal accuracy, ± 15 mV offset Current outputs (+4 to +20 mA): $\pm 0.7\%$ of signal accuracy, ± 0.09 mA offset Output impedance (voltage): 100 Ω ; minimum load resistance 10 k Ω Voltage compliance (current): 0 to +12 Vdc across load (0 to 600 Ω load resistance)

Features & description

From manufacturer datasheet

Features

- Dual continuous velocity channels
- Field-jumper programmable filters and options
- Alert and Danger digitally adjustable setpoints
- Buffered transducer outputs front and rear
- Recorder outputs 4–20 mA / 1–5 V / 0 to –10 V
- One 3300 rack position (not slots 1–2)

Applications

- Continuous casing / housing vibration protection
- Rotating and reciprocating machinery velocity monitoring
- 3300 rack machinery protection systems
- Alert/Danger alarming with recorder outputs

3300 Characteristics / Specifications

PARAMETER	VALUE
Model	3300/55-01-04-03-03-00-00-05-00
Base Model	3300/55 Dual Velocity Monitor
Manufacturer	GE / Bently Nevada
Instrument Type	Dual Velocity Vibration Monitor Module
Sensitivity Options Class	500 / 145 / 100 mV/in/s jumper programmable
Power Consumption Nominal	1.5 W
Velomitor Frequency Response	3–3000 Hz (–3 dB nominal)
Seismoprobe Frequency Response	3–10,000 Hz (–3 dB nominal)
Filter Quality	2-pole HP and LP (40 dB/decade)
Accuracy Typical	within $\pm 0.33\%$ of full scale at +25 °C
Alarm Setpoints	0–100% full scale; repeatable $\pm 0.39\%$ FS
Operating Temperature	0 °C to +65 °C
Storage Temperature	–40 °C to +85 °C
Humidity	to 95% noncondensing
Rack Space	One 3300 position (not 1 or 2)
Weight	1 kg (2.2 lb) Notes Specs from Bently Nevada 3300/55 Dual Velocity Monitor specifications (141516-01). Option string decoded from ordering information; confirm jumpers match faceplate.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	−40 °C to +85 °C
Operating temperature	0 °C to +65 °C
Operating Temperature	0 °C to +65 °C
Humidity	to 95% noncondensing
Rack Space	One 3300 position (not 1 or 2)
Weight	1 kg (2.2 lb) Notes Specs from Bently Nevada 3300/55 Dual Velocity Monitor specifications (141516-01). Option string decoded from ordering information; confirm jumpers match faceplate.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	3300/55-01-04-03-03-00-00-05-00
Base Model	3300/55 Dual Velocity Monitor
Manufacturer	GE / Bently Nevada
Instrument Type	Dual Velocity Vibration Monitor Module
Channel Input Option (A=01): Dual velocity; Ch A & B peak velocity	
Transducer Type Option (B=04): Velomitor 100 mV/in/s	
ChannelA Full Scale (C=03): 0-2 in/s pk	
ChannelB Full Scale (D=03): 0-2 in/s pk	
Agency Approval (E=00): Not required	
IS Barriers (F=00): None	
Alarm Relay (G=05): Epoxy-sealed (Velomitor)	
Trip Multiply (H=00): None	
Specifications	
PARAMETER	VALUE
Sensitivity Options Class	500 / 145 / 100 mV/in/s jumper programmable
Power Consumption Nominal	1.5 W
Velomitor Frequency Response	3-3000 Hz (-3 dB nominal)
Seismoprobe Frequency Response	3-10,000 Hz (-3 dB nominal)
High-Pass Filter Corners: 450 selections from 3-400 Hz	
Low-Pass Filter Corners: 500 selections from 24-3000 Hz	
Specifications	
PARAMETER	VALUE
Filter Quality	2-pole HP and LP (40 dB/decade)
Accuracy Typical	within ±0.33% of full scale at +25 °C
Alarm Setpoints	0-100% full scale; repeatable ±0.39% FS
Operating Temperature	0 °C to +65 °C
Storage Temperature	-40 °C to +85 °C
Humidity	to 95% noncondensing
Rack Space	One 3300 position (not 1 or 2)

PARAMETER	VALUE
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Weight	1 kg (2.2 lb)
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Notes

Specs from Bently Nevada 3300/55 Dual Velocity Monitor specifications (141516-01). Option string decoded from ordering information; confirm jumpers match faceplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.