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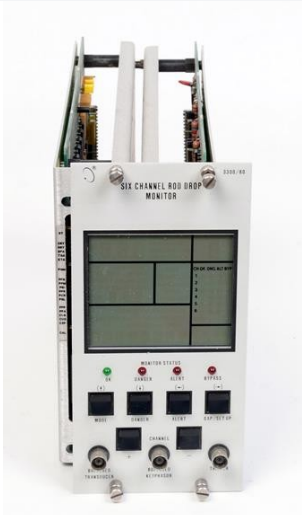
Data Sheet

August 2, 2026

GE / BENTLY NEVADA

GE / Bently Nevada 3300/80-01-01-01 Six Channel Rod Drop Monitor with Analog Assembly

GE / Bently Nevada 3300/80 Six Channel Rod Drop Monitor The Bently Nevada 3300/80 is a six-channel Rod Drop Monitor module for the 3300 Series Machinery Protection System. It provides continuous online monitoring of rider-band wear on reciprocating compressors by measuring piston rod position relative to the cylinder packing box using proximity transducers (with Keyphasor timing support in the system architecture). The ordered configuration 3300/80-01-01-01-01 includes the monitor with analog assembly (dealer part cross-references include PWA assemblies such as 87190-01 / 87199-01 / 87181-01 class). Average and instantaneous rod-drop display modes are used in the six-channel rod-drop family. The 3300/80 is SDI/DDI compatible and works with 3300/01-01, 3300/02, and 3300/03-XX System Monitors and SDI(X)/DDI(X), TDIX, and TDXnet communication processors. The related 3300/81 is also documented as a six-channel rod drop monitor in application literature. The Bently Nevada 3300/80 is a six-channel Rod Drop Monitor module for the 3300 Series Machinery Protection System. It provides continuous online monitoring of rider-band wear on reciprocating compressors by measuring piston rod position relative to the cylinder packing box using proximity transducers (with Keyphasor timing support in the system architecture). The ordered configuration 3300/80-01-01-01-01 includes the monitor with analog

**MODEL**

**GE / Bently Nevada
3300/80-01-01-
01-01**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**3300/80-01-01-
01-01**

LISTING

**[https://aumictechlabs.c
om/products/3300-80-
01-01-01-01-2/](https://aumictechlabs.com/products/3300-80-01-01-01-01-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The GE/Bently Nevada 3300/80-01-01-01-01 is a six-channel rod drop monitor module engineered for the Bently Nevada 3300 Series Machinery Protection System. This analog assembly delivers continuous online detection of rod drop events across six independent channels, preventing catastrophic machinery damage and unplanned shutdowns in critical industrial operations. The module integrates into a modular instrument rack architecture designed to API 670 specifications, accommodating flexible configuration alongside power supplies, system monitors, and additional monitoring modules. Technical Specifications Rod Drop Monitor Module Six (6) independent monitoring channels Analog assembly type Continuous online rod drop event detection Instrument Rack Architecture Available in 4- to 14-position configurations Rack depth: 424 mm (16.7 inches) Position 1: Power Supply Position 2: System Monitor Positions 3-14: Monitor module slots 19-inch EIA version available (8-position rack) Weatherproof housing option for environmental protection and hazardous area deployment with purge air Power Supply Options AC version (3300/12) and DC version (3300/14) Integrated line noise filters Programmable transducer supply voltage: compatible with -24V and -18V proximity transducer systems System OK relay (SPDT), normally energized, indicates rack operational status System Monitor Functions Monitors rack-level operation and module health Power-up Inhibit capability System Reset function Trip Multiply control Drives OK relay on Power Input Module Buffered/unconditioned Keyphasor® transducer signals: up to four channels Adjustable alarm setpoints for all rack monitors Key Features Modular design enables custom system configuration API 670 compliance for petroleum industry applications Transducer voltage programmability for legacy and current transducer compatibility Multi-position rack accommodates scalable monitoring requirements Compatibility & Integration The 3300/80-01-01-01-01 operates within the 3300 Series ecosystem, integrating with System Monitor versions 3300/01-01 (basic), 3300/01-02 (serial interface), and 3300/02 (transient data

enabled). Power supplies and monitoring modules occupy standardized rack positions, supporting rapid deployment in machinery protection installations.

Features & description

From manufacturer datasheet

Features

- Six-channel rod drop monitor for 3300 rack
- Continuous online machinery protection
- Proximity transducer inputs for rod position
- Average and instantaneous rod-drop modes (family)
- Analog assembly included in -01-01-01-01 configuration
- SDI/DDI compatible firmware lineage
- Requires compatible 3300 System Monitor
- Buffered outputs for programming/verification with shaft micrometer methods

3300 Characteristics / Specifications

PARAMETER	VALUE
Model	3300/80-01-01-01-01
Manufacturer	GE / Bently Nevada
Series	3300 Machinery Protection System
Instrument Type	Six-channel rod drop monitor with analog assembly
Channels	Six rod-drop channels
Transducers	Proximity probe systems per cylinder; Keyphasor in system
Measurements	Rod drop / rider band wear from rod position vs packing box
Display Modes (family)	Average rod drop; instantaneous rod drop
Communications	SDI/DDI compatible; supports SDI(X)/DDI(X), TDIX, TDXnet CPs
System Monitor Compatibility	3300/01-01, 3300/02, 3300/03-XX only (for /80 family)
Related Assemblies (dealer)	PWA 87190-01, 87199-01, 87181-01 class
Related Monitor	3300/81 six-channel rod drop (application literature) Standard Operating Conditions Install inapowered 3300 instrument rack with compatible System Monitor and Power Supply. Program channels using the buffered monitor output when intrinsic safety barriers are present. Trend readings in DCS or machinery management software for effective rider-band wear tracking.

3300 Specifications

PARAMETER	VALUE
GE / Bently Nevada 3300/80 Six Channel Rod Drop Monitor	Overview
Key Features	- Six-channel rod drop monitor for 3300 rack
Technical Specifications	Model: 3300/80-01-01-01-01

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

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Model	3300/80-01-01-01-01
Manufacturer	GE / Bently Nevada
Series	3300 Machinery Protection System
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Standard Operating Conditions

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Operational Notes

Option string -01-01-01-01 encodes agency/I/O/analog assembly selections-confirm against the Bently ordering guide for this unit. Do not confuse with 3500/72M (later 3500 platform rod position/drop monitor).

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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NIST-traceable calibration · SAM registered ·
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Generated August 2, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.