

21500-00-12-10-02 | Bently Nevada | Probe Proximity Vibration

Our Product Introduction

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Basic Information

- Place of Origin: USA
- Brand Name: BENTLY
- Certification: ATEX
- Model Number: 21500-00-12-10-02
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month

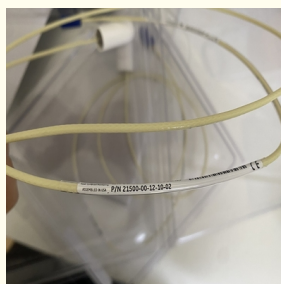


Product Specification

- Alarm Output: 4-20 MA Analog Output, Relay Contacts (configurable Alarm Thresholds)
- Operating Temperature: -30°C To +70°C (industrial-grade Wide-temperature Design)
- Protection Rating: IP50 (suitable For Control Panel Installation, Dust-resistant)
- Communication Interface: Supports Modbus, Profibus, Etc. (integrates With 3500 Rack System)
- Maintenance Method: Supports Hot-swapping (online Replacement, No Downtime Required)
- Software Support: Compatible With System 1® Software For Remote Monitoring & Data Analysis
- Highlight: **Bently Nevada proximity vibration probe, industrial vibration monitoring probe, Bently Nevada 21500 proximity sensor**



More Images



Product Description

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Product Attributes

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Product Description



Bently Nevada is a global leader in industrial asset condition monitoring and protection, specializing in vibration, pressure, and speed measurement solutions for critical machinery. Founded in 1956 by Don E. Bently, the company pioneered eddy-current proximity probes, revolutionizing rotor dynamics monitoring. Acquired by GE in 2002, Bently Nevada operates in over 50 countries, serving industries such as oil & gas, power generation, and mining.

The Bently Nevada 21500-00-12-10-02 is a vibration monitoring module designed for industrial machinery protection and condition monitoring. Part of the Bently Nevada 3500 series, this module plays a critical role in measuring and analyzing vibration data to ensure the safe and efficient operation of rotating equipment such as turbines, compressors, and pumps.

It features high reliability and precision, providing real-time monitoring and alarm functions to detect potential faults early, thereby preventing unplanned downtime and costly repairs. The module is compatible with various sensors and integrates seamlessly into the Bently Nevada 3500 rack system, offering advanced signal processing and diagnostics.

Technical Specifications

Model Number	21500-00-12-10-02
Series	Bently Nevada 3500 Series
Function	Vibration Monitoring Module (for industrial machinery protection & condition monitoring)
Input Signal Type	Supports velocity, acceleration, displacement vibration sensor signals
Measurement Range	Configurable, typical range: 0-25.4 mm/s (velocity), 0-2000 µm (displacement)
Accuracy	±1% full scale (depends on sensor and configuration)
Power Requirements	24 VDC (±10%), typical power consumption 5W
Channel Count	Single-channel (expandable to multi-channel systems)
Mounting Method	Standard 3500 series rack slot installation
Certifications	CE, ATEX (optional explosion-proof certification), ISO 9001
MTBF (Mean Time Between Failures)	>100,000 hours (high-reliability design)
Signal Processing	Bandpass filtering, integration/differentiation, peak detection, etc.



About Achievers Automation Limited



Since Year 2012

Achievers Automation Limited is a well-established player in the field of industrial automation, with over 12 years of experience. The company specializes in a comprehensive range of industrial automation components and instruments, serving customers in over 45 countries worldwide.



Frequently Asked Questions

Q: Are the Products Genuine OEM Units?

A: These items have been certified by Achievers Automation Limited to be genuine OEM Units obtained through OEM or independent third-party channels.

Q: How will you arrange shipment?

A: We can arrange shipment based on your request. We have cooperated forwarders who can arrange shipment via FedEx, DHL, TNT with competitive pricing.

Q: What is the warranty of goods?

A: One-year Warranty.

Visit Achievers Instruments Website for More Information



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