

89477-60 | Bently Nevada | Sensor Proximity Probe Cable Via FEDEX

Our Product Introduction

for more products please visit us on achieversinstruments.com

Basic Information

- Place of Origin: USA
- Brand Name: BENTLY
- Certification: ATEX
- Model Number: 89477-60
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month

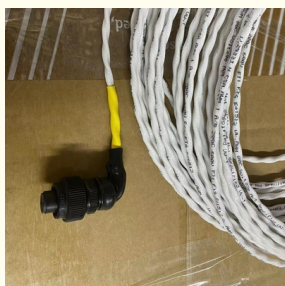


Product Specification

- Operating Temperature: -50°C To +120°C (-58°F To +248°F)
- Storage Temperature: -60°C To +120°C (-76°F To +248°F)
- Protection Rating: IP65 (Dust-tight And Protected Against Low-pressure Water Jets)
- Core Function: Converts Mechanical Vibration Velocity Directly Into A Standard 4-20 MA Analog Signal For Continuous Monitoring.
- Primary Applications: Centrifugal And Axial Compressors, Steam And Gas Turbines, Water Pumps, Fans, Electric Motors, Gearboxes
- Key Advantages: Easy Integration With Control Systems, High Reliability In Harsh Environments, Simple Two-wire Maintenance, Proven Bently Nevada Technology
- Highlight: **Bently Nevada proximity probe sensor , proximity probe cable with warranty, Bently Nevada sensor via FedEx**



More Images



Product Description

89477-60 | Bently Nevada | Sensor Proximity Probe Cable Via FEDEX



Product Overview

The Bently Nevada 89477-60 is a vibration transducer designed for monitoring machinery health in industrial applications. This seismic velocity transducer measures vibration velocity in critical equipment, providing essential data for predictive maintenance and preventing catastrophic failures.

Key Features

- Converts mechanical vibration velocity to 4-20 mA analog signal
- Robust construction for demanding industrial environments
- Standard 4-20 mA output for long-distance transmission
- Detects imbalances, misalignments, and bearing defects
- Integrates with Bently Nevada monitoring systems

Technical Specifications

Measured Quantity	Vibration Velocity
Sensitivity	100 mV/in/s or 200 mV/in/s (model dependent)
Frequency Range	10 Hz to 1,000 Hz (4.5 Hz to 2,000 Hz available)
Measurement Range	0 to 1.0 inch/s peak (0 to 25.4 mm/s peak)
Output Signal	4-20 mA, two-wire
Power Supply	12 to 30 VDC (typically 24 VDC)
Load Impedance	$\leq 600 \Omega$ (at 24 VDC)
Output Polarity	Positive (increasing vibration increases current)
Housing Material	316 Stainless Steel
Mounting Connection	$\frac{1}{2}$ -20 UNF thread (top)
Electrical Connection	Conduit entry or military-style connector (optional)
Weight	Approximately 0.5 kg (varies by connector type)

Environmental Specifications

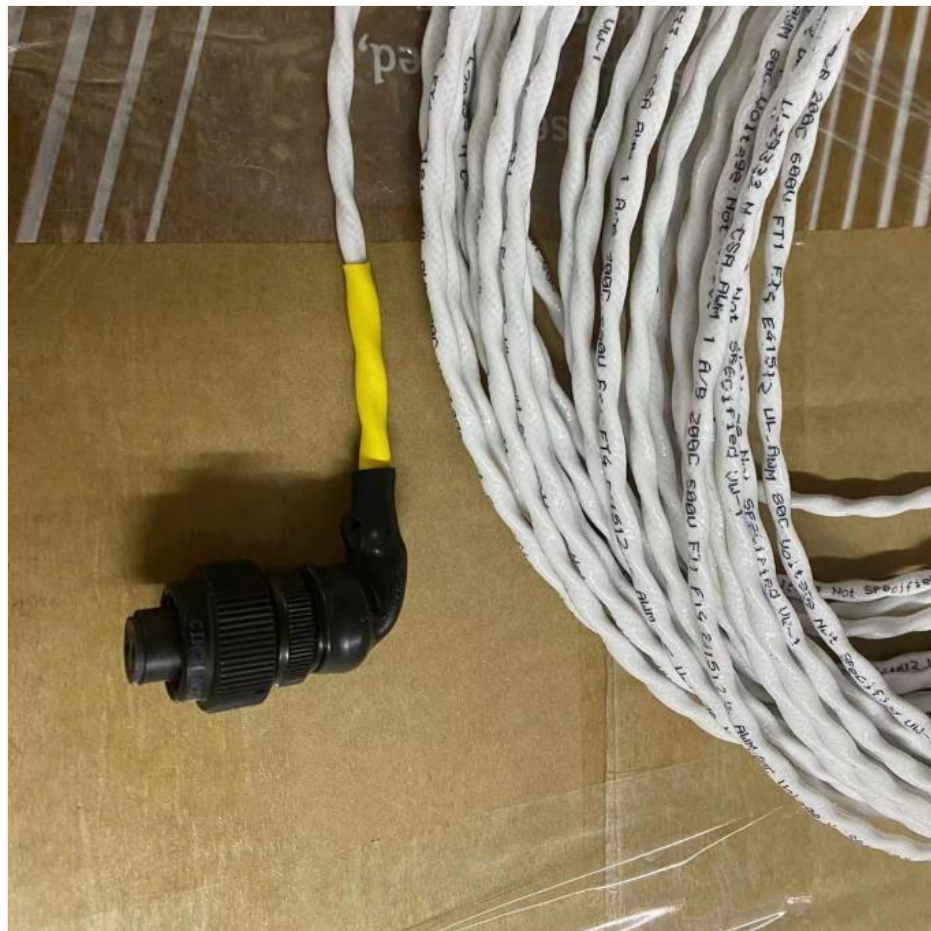
Attribute	Value
Operating Temperature	-50°C to +120°C (-58°F to +248°F)
Storage Temperature	-60°C to +120°C (-76°F to +248°F)
Protection Rating	IP65 (Dust-tight and protected against low-pressure water jets)

Applications

Centrifugal and axial compressors, steam and gas turbines, water pumps, fans, electric motors, gearboxes, and other critical rotating machinery in industries including:

- Power generation

Oil & gas
Mining
Manufacturing





Since Year 2012

About Bently Nevada

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. With over 60 years of expertise and serving more than 25,000 customers worldwide, Bently Nevada combines proven technology with cloud-connected solutions to enhance asset reliability and operational safety.

About Achievers Automation

Achievers Automation Limited is an established provider of industrial automation components with over 12 years of experience. The company offers a comprehensive range of industrial automation instruments and serves customers in more than 45 countries worldwide, committed to delivering quality products and efficient services.



Frequently Asked Questions

Are the Products Genuine OEM Units?

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

How will you arrange shipment?

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

What is the warranty of goods?

One-year Warranty.



Achievers Automation Limited

13828861501

joanna@achieversautomation.com

achieversinstruments.com

RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG