

APTER POWER PRODUCT MANUAL

135826-01

Bently Nevada seismic-sensor mounting stud

The 135826-01 is a Bently Nevada standard mounting stud with a male 1/4-28 UNF sensor thread at one end and a male M10 x 1 machine-mounting thread at the other. It is listed as a mounting accessory for the 177230 seismic transmitter and provides the threaded mechanical interface between the sensor base and a prepared machine surface.

The stud does not measure or process an electrical signal. Its function is to create a rigid, repeatable mechanical vibration path from the bearing housing or machine casing into a compatible seismic sensor so that the sensor can accurately convert casing motion into its electrical output.

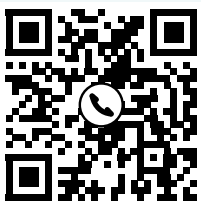
Manufacturer	Bently Nevada
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Two threads. One rigid vibration path.

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SCAN FOR PRODUCT & QUOTE

135826-01

1. Product Overview and Identity

The 135826-01 is a Bently Nevada standard mounting stud with a male 1/4-28 UNF sensor thread at one end and a male M10 x 1 machine-mounting thread at the other. It is listed as a mounting accessory for the 177230 seismic transmitter and provides the threaded mechanical interface between the sensor base and a prepared machine surface.

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Model Configuration

Code	Official configuration
135826-01	Standard male-to-male mounting stud.
Sensor-Side Thread	1/4-28 UNF male.
Machine-Side Thread	M10 x 1 male.

Key Features

- Adapts a 1/4-28 UNF sensor base to an M10 x 1 machine mounting hole.
- A direct threaded path avoids adhesive or magnetic-base compliance in permanent installations.
- The complete part number identifies the manufacturer-listed standard stud.
- The accessory supports repeatable removal and reinstallation when threads and mounting faces remain undamaged.

2. Technical Specifications

Only manufacturer-published information is stated. A value absent for the exact complete suffix is identified rather than inferred.

Parameter	Verified value
Product Type	Seismic-sensor mounting stud
Sensor-Side Thread	Male 1/4-28 UNF
Machine-Side Thread	Male M10 x 1
Signal Processing	None; mechanical accessory only
Listed Compatibility	177230 seismic transmitter accessory table
Published Weight	Not separately published
Published Overall Dimensions	Not separately published in Datasheet 177232 Rev. T

Verification Note

This part is a mechanical vibration-transfer interface, not a sensing element. Confirm 1/4-28 UNF and M10 x 1 threads, surface flatness, engagement, and sensor-specific torque before installation.

3. Functions, Applications and Components

Core Functions

- Provides the threaded mechanical interface between sensor and machine.
- Transfers casing vibration through a rigid mounting path.
- Maintains sensor alignment on a prepared flat mounting surface.
- Supports repeatable installation of a compatible seismic transmitter or sensor.

Application Areas

Application	System role
177230 Seismic Transmitter	Adapts the transmitter's 1/4-28 base to M10 x 1 machine threads.
Bearing Housings	Provides a permanent threaded velocity or vibration mounting point.
Pump and Motor Casings	Supports rigid sensor attachment for casing-vibration measurement.
Compressor Frames	Transfers structural vibration into the installed sensor.
Turbine Auxiliary Equipment	Supports permanent sensor mounting on suitable machine surfaces.
Replacement Mounting Hardware	Restores the specified thread adapter when the original stud is missing or damaged.

Compatible Components

- Bently Nevada 177230 seismic transmitters with a 1/4-28 mounting interface.
- Other Bently Nevada sensors only when their current manual explicitly permits a 1/4-28 mounting stud.
- A clean, flat machine surface with an M10 x 1 threaded hole prepared to the applicable sensor instructions.
- The mounting torque and thread-locking practice specified for the connected sensor and machine.

Lifecycle Status

Baker Hughes currently lists 135826-01 in the accessory table of Datasheet 177232 Rev. T. The manufacturer does not publish a separate lifecycle phase for this stud.

4. Installation Precautions

- Verify the complete 135826-01 part number and both thread sizes before installation.
- Inspect both male threads and the sensor/machine female threads for damage, galling, contamination, and full engagement.
- Prepare a rigid, flat mounting surface so the sensor base seats completely without rocking.
- Apply only the torque and thread treatment specified by the sensor and machine instructions; the accessory table does not publish a separate stud torque.
- Do not use the stud as an electrical ground path or as a substitute for the required cable shield and bonding practice.

STOP - Verify before installation

This part is a mechanical vibration-transfer interface, not a sensing element. Confirm 1/4-28 UNF and M10 x 1 threads, surface flatness, engagement, and sensor-specific torque before installation.

Use the physical nameplate and current Bently Nevada documents as the controlling records.

5. Official Source and Use Notice

Official source

Baker Hughes / Bently Nevada 177230 Seismic Transmitter Datasheet 177232 Rev. T -
<https://dam.bakerhughes.com/m/55ed6fe23fbbc696/original/177230-Seismic-Transmitter-Datasheet-177232-pdf.pdf>

Apter Power product page

<https://www.apterpower.com/Bently-Nevada/135826-01>

Use Notice

This original Apter Power product-specific reference is prepared from the named Bently Nevada source. It is not a Bently Nevada publication and does not replace the original datasheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.