BENTLY NEVADA 177230 TRANSMITTERS

Product Data Sheet

177230-00-01-05

loop-powered seismic transmitter

FUNCTION	FAMILY	ORIGIN	WEIGHT
loop-powered seismic transmitter	**Bently Nevada 177230 transmitters**	**United States**	**0.3 kg**

177230 Seismic Transmitter 177230-00-01-05 is a loop-powered seismic transmitter for the Bently Nevada 177230 transmitters. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Order Code	177230-00-01-05
Measured Variable	Velocity RMS
Output Signal	4–20 mA proportional current
Velocity Range	0–12.7 mm/s RMS
Frequency Range	10 Hz–1 kHz
Acceleration Sensitivity	100 mV/g ±20% internal sensor
Full Scale Acceleration	15 g peak
Supply Voltage	12–30 V DC loop power
Mounting Thread	1/4-28 UNF stud
Mounting Torque	4–7 N·m

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Operating Temperature	-40°C to +85°C
Ingress Protection	IP67

03 OFFICIAL APPLICATIONS

- Transmit casing velocity to the DCS: Mount the transmitter on a rigid bearing housing and scale the 4–20 mA loop to the specified 0–12.7 mm/s RMS range.
- Trend overall machine vibration: Use the 10 Hz–1 kHz response for general motor and fan condition monitoring while retaining the established alarm thresholds.
- Confirm current output and polarity: Verify loop supply, zero-current condition, simulated or measured vibration response and the receiving PLC scaling before release.

04 SYSTEM COMPATIBILITY

Match 177230-00-01-05 to the installed Bently Nevada 177230 transmitters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Bently Nevada manufacturer documentation

Manufacturer official documentation

AMIKON PRODUCT SUPPORT

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