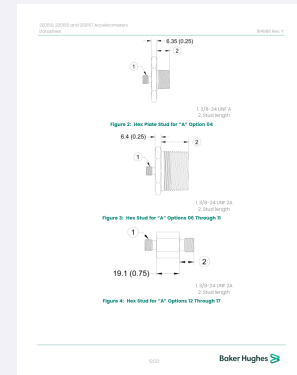


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 200150-09-CN
General-purpose Accelerometer



PRODUCT	200150-09-CN
FAMILY	200150, 200155 and 200157 Accelerometers
FUNCTION	General-purpose Accelerometer
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 164986 Rev. Y / 108M1756 Rev. AV. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Mounting stud option	09: 3/8-24 to 3/4 NPT; 1-1/4 in hex
Approval selection	CN: China-specific approval option; verify supplied certificates
Sensitivity at 80 Hz	100 mV/g +/-12%
Measurement range	+/-25 g
Frequency range	10-1000 Hz, +/-10% relative to 80 Hz
Mounted resonant frequency	Greater than 20 kHz
Amplitude linearity	+/-2% from 1 to 10 g peak

02 MOUNTING AND CONNECTION

- Verify the 09 adapter and prepared 3/4 NPT mounting connection.
- Select a casing or bearing-housing point with a suitable vibration transmission path.
- Use the documented 2.7-6.8 N m sensor-body mounting torque; do not confuse it with adapter-stud torque.
- Match the approved Trendmaster or 1900 interface and differential signal wiring.
- Check the actual CN certification documents and application requirements.

MANUFACTURER INSTALLATION REFERENCE

200150, 200155 and 200157 Accelerometers
Datasheet

164986 Rev. Y

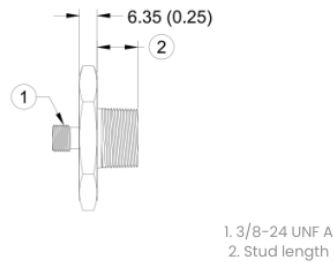


Figure 2: Hex Plate Stud for "A" Option 04

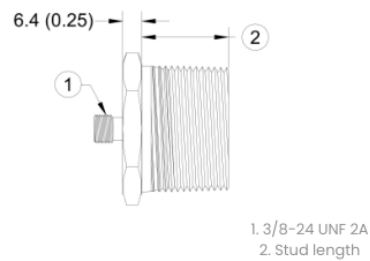


Figure 3: Hex Stud for "A" Options 06 Through 11

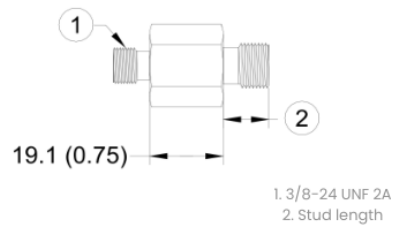


Figure 4: Hex Stud for "A" Options 12 Through 17

04

CABLE ROUTING AND CONNECTION

- Select a casing or bearing-housing point with a suitable vibration transmission path.
- Use the documented 2.7-6.8 N m sensor-body mounting torque; do not confuse it with adapter-stud torque.
- Match the approved Trendmaster or 1900 interface and differential signal wiring.
- Check the actual CN certification documents and application requirements.
- Follow the complete manufacturer mounting and commissioning instructions.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Check the exact configuration against the controlled site requirements.
- Verify the measurement using the complete equipment instructions.
- Record the complete model and the installed measurement arrangement.

06

CONTROLLED DOCUMENTS

Official source	Bently Nevada 164986 Rev. Y / 108M1756 Rev. AV
Product record	200150-09-CN
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN