

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 200150-02-CN

General-purpose Trendmaster 2000 and Trendmaster Pro accelerometer



PRODUCT	200150-02-CN
THREAD	3/8-24 female mounting thread
ORDERED LENGTH	Maximum connected cable length 15.24 m (50 ft)
APPROVAL	CN country-specific approval option

Prepared by Amikon Limited from official Datasheet 164986 Rev. Y. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01

CONFIRM THE ORDERED CONFIGURATION

Thread / mounting	3/8-24 female mounting thread
Armor / input	316L stainless-steel hermetic case
Unthreaded / full scale	3/8-24 to 3/8-24 UNF, 1-3/8 inch hex plate mounting stud
Case / construction	17.5 mm hex x 45.7 mm height
Cable / system	Maximum connected cable length 15.24 m (50 ft)
Connector / output	Top-mounted 5-pin 1/2-20 connector
Approval option	CN country-specific approval option

02

MECHANICAL MOUNTING

- Verify the complete order number 200150-02-CN before installation.
- Use the specified 3/8-24 female mounting thread mounting and protect sensing or terminal surfaces.
- Preserve the ordered 3/8-24 to 3/8-24 UNF, 1-3/8 inch hex plate mounting stud and 17.5 mm hex x 45.7 mm height mechanical configuration.
- Do not force the case, cable, connector, terminals, or mounting hardware.
- Confirm compatible system components before commissioning.

MECHANICAL INSTALLATION DRAWING

200150, 200155 and 200157 Accelerometers
Datasheet

164986 Rev. Y

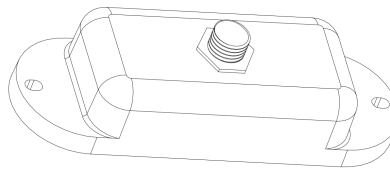


Figure 14: Conduit Cable Adapter, Single (Part Number 141887-01)

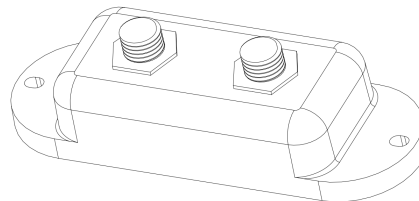


Figure 15: Conduit Cable Adapter, Double (Part Number 141887-02)

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CABLE ROUTING AND CONNECTION

- Maintain the ordered Maximum connected cable length 15.24 m (50 ft) configuration.
- Route signal wiring away from high-voltage power conductors.
- Protect cable, connector and terminals from contamination and moisture.
- Do not exceed manufacturer bend-radius or connector-torque limits.
- Verify grounding and hazardous-area requirements before energizing.

05

INITIAL GAP AND SYSTEM CHECKS

- Complete wiring and compatibility checks before commissioning.
- Confirm gap voltage, loop current, or axial position using the official procedure.
- Verify monitor or control-system channel configuration and alarm logic.
- Record the installed order number and measured baseline values.

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CONTROLLED DOCUMENTS

Official datasheet	164986 Rev. Y
Product record	200150-02-CN
Manufacturer	Baker Hughes / Bently Nevada
Support	INFO@AMIKON.CN