

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 991-06-70-02-05
Two-wire axial displacement transmitter



PRODUCT	991-06-70-02-05
THREAD	Bulkhead screws
ORDERED LENGTH	7.0 m system
Prepared by Amikon Limited from official Datasheet 141618 Rev. R. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.	

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CONFIRM THE ORDERED CONFIGURATION

Thread / mounting	Bulkhead screws
Armor / input	3300 NSv input
Unthreaded / full scale	0.6-0-0.6 mm
Case / construction	2-wire loop powered
Cable / system	7.0 m system
Connector / output	4-20 mA axial output
Approval option	CSA, ATEX and ABS

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MECHANICAL MOUNTING

- Verify the complete order number 991-06-70-02-05 before installation.
- Use the specified Bulkhead screws mounting and protect sensing or terminal surfaces.
- Preserve the ordered 0.6-0-0.6 mm and 2-wire loop powered mechanical configuration.
- Do not force the case, cable, connector, terminals, or mounting hardware.
- Confirm compatible system components before commissioning.

MECHANICAL INSTALLATION DRAWING

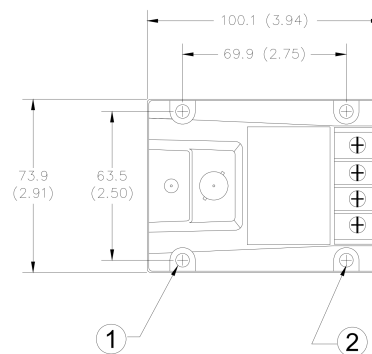
991 Thrust Transmitter
Datasheet

141618 Rev. R

Graphs and Figures

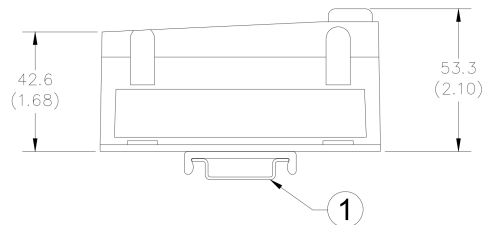


Note: All dimensions shown in millimeters (inches) unless noted otherwise.



1. Mounting holes, 5.8 mm (0.23 in) diameter, 4 places
2. Bulkhead mount holes, 4 each. 6-32 x 1.326 screws provided when mounting option specified

Figure 1: 991 Thrust Transmitter Dimensions (Top View)



1. 35mm DIN rail DIN mount clips (when DIN rail mounting is specified)

Figure 2: 991 Thrust Transmitter Dimensions (Side View)

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CABLE ROUTING AND CONNECTION

- Maintain the ordered 7.0 m system 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.

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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	141618 Rev. R
Product record	991-06-70-02-05
Manufacturer	Baker Hughes / Bently Nevada
Support	INFO@AMIKON.CN