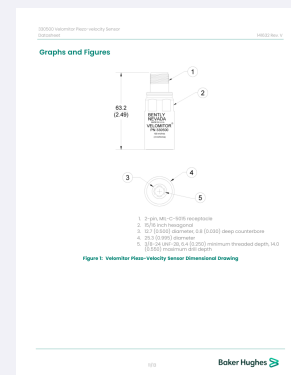


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 330500-00-02

Velomitor Piezo-velocity Sensor



PRODUCT	330500-00-02
FAMILY	330500 and 330525 Piezo-Velocity Sensor
FUNCTION	Velomitor Piezo-velocity Sensor
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 330500 Velomitor Piezo-velocity Sensor Datasheet 141632 Rev. V, relevant specification, ordering and dimensional pages. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Sensor family	330500 Velomitor
Mounting adapter option	00: No adapter
Agency approval option	02: ATEX
Sensitivity	100 mV/in/s $\pm 5\%$
Velocity range	50 in/s peak
Frequency response	4.5 Hz to 5 kHz ± 3 dB
Operating temperature	-55 to +121 °C

02 MOUNTING AND CONNECTION

- Confirm model and ATEX marking.
- Use the native 3/8-24 UNF mounting interface because no adapter is supplied.
- Prepare a clean flat mounting surface.
- Protect the two-pin connector and shielded cable.
- Route cable away from high-voltage conductors.

OFFICIAL INSTALLATION REFERENCE

330500 Velomitor Piezo-velocity Sensor
Datasheet

141632 Rev. V

Graphs and Figures

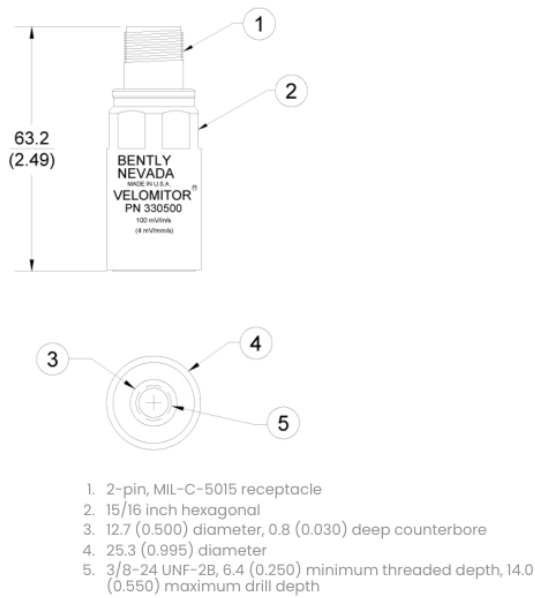


Figure 1: Velomitor Piezo-Velocity Sensor Dimensional Drawing

04

CABLE ROUTING AND CONNECTION

- Use the native 3/8-24 UNF mounting interface because no adapter is supplied.
- Prepare a clean flat mounting surface.
- Protect the two-pin connector and shielded cable.
- Route cable away from high-voltage conductors.
- Verify bias voltage and velocity response before service.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm normal indications and fault-contact state after commissioning.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Bently Nevada 330500 Velomitor Piezo-velocity Sensor Datasheet 141632 Rev. V, relevant specification, ordering and dimensional pages
Product record	330500-00-02
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN