

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

330500 AND 330525 PIEZO-VELOCITY SENSOR

106765-25

VELOMITOR INTERCONNECT CABLE

Used with the applicable 330500 and 330525 Piezo-Velocity Sensor configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Bently Nevada official manufacturer documentation

Mounting Torque	45 N-m (33 ft-lb) maximum
Polarity	Pin A goes positive with respect to pin B when the sensor case motion is toward the connector.
Cable Bend Radius	1.5-in minimum bend radius.



Operating the unit outside the specified limits may result in false readings or loss of machine monitoring.

Before installing and using this product, read the 330500, 330525, and 330530 Velomitor Sensors User Guide (document 100076).

Ordering Information



For the detailed listing of country and product specific approvals, refer to the *Approvals Quick Reference Guide* (108M1756) available from [Bently.com](https://www.bently.com).

330525-AA

A: Agency Approval Option

0 0	None Required
0 1	CSA/NRTL/C
0 2	SIRA/CENELEC

106765-AA Interconnect Cable

A: Length (in meters)

Minimum length	1 meter (3.3 feet)
Maximum length	25 meters (82 feet)

Order in increments of 3 meters.

Terminal Housing

Terminal Housing for terminating Velomitor XA Sensor cable to bulk cable listed above. The Terminal Housing provides local connection of the Velomitor XA Sensor signal wires to the monitor field wiring. Each Terminal Housing can accommodate up to 2 Velomitor XA Sensor Cables.

106769-AA

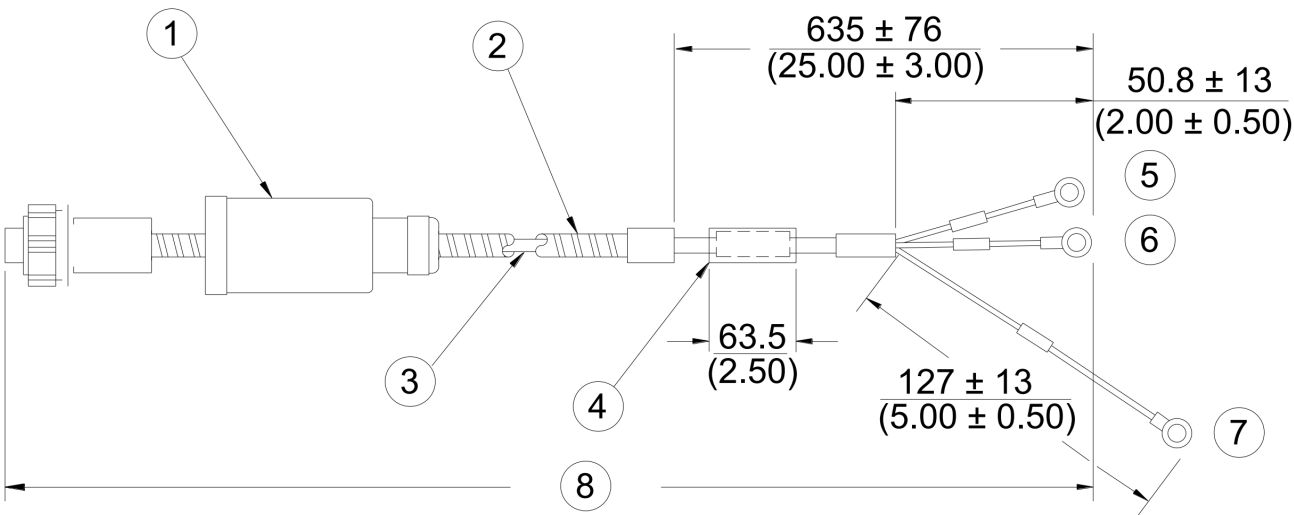
A: Conduit Fitting Option

0 0	No fittings supplied
0 1	One ¾ NPT fitting
0 2	Two ¾ NPT fittings

Accessories

100076	330500/330525 Velomitor Sensor and Velomitor XA Sensor User Guide
02173007	Bulk cable; two-conductor twisted, shielded. 22 AWG cable without connectors or terminal lugs. Specify length in feet.
103537-01	Terminal Mounting Block. Provides simple field wiring connection and can be mounted inside any standard Proximitor Sensor housing. One terminal mounting block is needed for each Velomitor XA Sensor connection.
03839144	Splash-resistant boot cover for interconnect cable assembly. The boot is made from fluorosilicone elastomer. Boot color is blue.
03839142	Bottom clamp used to secure the boot to the Velomitor XA Sensor case.
03839143	Top clamp used to secure the boot to the interconnect cable assembly.

Graphs and Figures



1. Splash-resistant boot with clamps	5. "A" (white)
2. Stainless steel armor over cable	6. "B" (black)
3. 0.382 mm ² (22 AWG)	7. "SHLD" (green)
4. Clear shrink tubing	8. Overall length ± 200 (7.8)

Figure 1: Dimensions for 106765 Cable

Dimensions are in millimeters (inches)