

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330500 Velomitor

Piezoelectric Vibration Velocity Sensor



TYPE	REFERENCE	SCOPE	OPTIONS
Instrument	141632	See table	Check order

330500 Velomitor - Piezoelectric vibration velocity sensor. Use only the documented component configuration.

01

VERIFIED PRODUCT IDENTITY

Product model	330500 Velomitor
Velocity sensitivity	3.94 mV/mm/s, plus or minus 5%
Frequency response	4.5 Hz to 5 kHz, plus or minus 3 dB
Peak velocity range	1270 mm/s
Transverse sensitivity	Less than 5%
Resonant frequency	Greater than 12 kHz
Output bias	-12 Vdc plus or minus 3 V, referenced to pin A
Output impedance	Less than 2400 ohms

Datasheet 141632 Rev. T. Verify the complete supplied product identity.

02 TECHNICAL DATA

Case material	316L stainless steel
Connector	Hermetic two-pin MIL-C-5015
Operating temperature	-55 to +121 degrees C

03 APPLICATION AND CONFIGURATION

- Absolute velocity measurement
- Casing vibration monitoring
- Machine structure vibration
- Match documented component and system requirements
- Verify actual product markings before installation

04 OFFICIAL DOCUMENTATION

Datasheet 141632 Rev. T

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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