AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 200150-14-CN

Case Mounted Acceleration Sensor

TYPE	REFERENCE	SCOPE	OPTIONS
Instrument	**164986**	**See table**	**Check order**

200150-14-CN - Case mounted acceleration sensor. Use only the documented component configuration.

01 VERIFIED PRODUCT IDENTITY

Product model	200150-14-CN
Sensing construction	Piezoelectric ceramic shear
Nominal sensitivity	100 mV/g +/-12% at 80 Hz
Acceleration range	+/-25 g (+/-245 m/s2)
Frequency response	10 to 1000 Hz, +/-10% referenced to 80 Hz
Supply voltage	4.7 to 5.5 VDC
Quiescent current	Less than 800 microampere
Output bias	2.5 +/-0.23 V

Datasheet 164986 Rev. Y. Verify the complete supplied product identity.

02 TECHNICAL DATA

Settling time	300 ms maximum
Isolation	600 Vrms
Housing and connector	316L stainless steel

03 APPLICATION AND CONFIGURATION

- Casing acceleration measurement
- Bearing-housing condition monitoring
- Acceleration-to-velocity monitoring
- Match documented component and system requirements
- Verify actual product markings before installation

04 OFFICIAL DOCUMENTATION

Datasheet 164986 Rev. Y

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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