

330400 AND 330425 ACCELEROMETERS

Product Data Sheet

330425-02-05

accelerometer

FUNCTION accelerometer	FAMILY 330400 and 330425 accelerometers	ORIGIN United States	WEIGHT 0.10 kg
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330400 and 330425 Accelerometer 330425-02-05 is a accelerometer for the 330400 and 330425 accelerometers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Integral mounting stud	M8 x 1
Agency approval option	Multiple approvals option; verify delivered marking
Nominal sensitivity	25 mV/g, +/-5%
Acceleration range	75 g peak within 10 Hz-15 kHz
Frequency response	10 Hz to 15 kHz, +/-3 dB
Transverse sensitivity	Less than 5% of axial
Mounted resonant frequency	Greater than 30 kHz
Input voltage	-24 +/-0.5 Vdc
Nominal bias current	2 mA
Output bias voltage	-8.5 +/-0.5 Vdc

ADDITIONAL PRODUCT DATA

Case isolation	Signal isolated from the case
Operating and storage temperature	-55 to +121 deg C
Connector	Three-pin MIL-C-5015 receptacle
Case material	316L stainless steel
Mounting torque	4.1 N m

OFFICIAL APPLICATIONS

- Crusher gearbox condition monitoring: Gearbox Acceleration Systems
- Kiln and raw-mill drives: Machine Casing Systems
- Paper-machine drive sections: Casing Vibration Systems

SYSTEM COMPATIBILITY

Match 330425-02-05 to the installed 330400 and 330425 accelerometers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada official manufacturer documentation](#)

AMIKON PRODUCT SUPPORT

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