

330750 AND 330752 HIGH-TEMPERATURE VELOMITOR SYSTEMS

Product Data Sheet

330750-80-05

high-temperature velocity transducer system

FUNCTION	FAMILY	ORIGIN	WEIGHT
high-temperature velocity transducer sy	330750 and 330752 high-temperature Ve	United States	1.10 kg

330750 and 330752 High Temperature Velomitor 330750-80-05 is a high-temperature velocity transducer system for the 330750 and 330752 high-temperature Velomitor systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Integral Cable Length	8 m
Approval Option	Multiple approvals
Measurement Type	Casing vibration velocity
Sensitivity	5.7 mV/mm/s nominal
Frequency Response	15 Hz to 2 kHz
Maximum Velocity	635 mm/s peak below 680 Hz
Sensor Temperature	-40 to +400 °C
Electronics Temperature	-40 to +100 °C
Case Material	300 series stainless steel
Connector	2-pin MIL-C-5015 receptacle

ADDITIONAL PRODUCT DATA

Minimum Bend Radius	51 mm
Mounting Style	Four-hole flange

OFFICIAL APPLICATIONS

- Propulsion shafts and auxiliary compressor trains: Propulsion bearing vibration measurement; Auxiliary compressor shaft position tracking
- Test stands and high-speed machine spindles: Spindle bearing vibration measurement; Drive-train shaft position verification
- Turbine and generator bearing measurement points: Steam turbine shaft vibration sensing; Generator thrust position measurement

SYSTEM COMPATIBILITY

Match 330750-80-05 to the installed 330750 and 330752 high-temperature Velomitor systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada official manufacturer documentation](#)

<https://dam.bakerhughes.com/m/7ad08fd8214cc928/original/330750-and-330752-High-Temperature-Velomitor-System-Datasheet-141639-pdf.pdf>

AMIKON PRODUCT SUPPORT

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