190501 VELOMITOR CT TRANSDUCER

Product Data Sheet

190501-21-00-01

Velomitor CT low-frequency velocity transducer

FUNCTION	FAMILY	ORIGIN	WEIGHT
Velomitor CT low-frequency velocity tra	**190501 Velomitor CT Transducer**	**United States**	**0.30 kg**

Bently Nevada 190501-21-00-01 is a Velomitor CT low-frequency velocity transducer for the 190501 Velomitor CT Transducer. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Mounting adapter	3/8-24 to 1/2-14 NPT
Connection interface	MIL-C-5015
Approval option	CSA/NRTL/C and ATEX/IECEx/CSA
Sensitivity	3.94 mV/mm/s ±5%
Frequency response	3 to 900 Hz ±1 dB
Velocity range	63.5 mm/s peak
Transverse response	Less than 5%
Output bias voltage	10.1 V DC ±1.0 V
Output impedance	Less than 400 ohm typical
Operating temperature	-40 to +85 °C

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Shock limit	5000 g peak
Mounting torque	4.5 N·m ±0.6 N·m

03 OFFICIAL APPLICATIONS

- Petroleum Production and Refining: Upstream oil and natural gas production; Petroleum refining and terminal processing
- Thermal and Hydroelectric Power Generation: Thermal power generation; Hydroelectric and renewable power generation
- Metal Processing and Mineral Production: Ferrous and nonferrous metal production; Mineral extraction and materials processing

04 SYSTEM COMPATIBILITY

Match 190501-21-00-01 to the installed 190501 Velomitor CT Transducer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Baker Hughes Bently Nevada 190501 Velomitor CT Transducer Datasheet 141636

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AMIKON PRODUCT SUPPORT

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