

330400 AND 330425 ACCELEROMETER

Product Data Sheet

123616-01

proximity probe assembly

FUNCTION proximity probe assembly	FAMILY 330400 and 330425 Accelerometer	ORIGIN USA	WEIGHT 0.01 kg
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330400 and 330425 Accelerometer 123616-01 is a proximity probe assembly for the 330400 and 330425 Accelerometer. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Thread Size	M10 × 1 (standard)
Housing Material	316 Stainless Steel
Operating Voltage	-18V to -26V DC
Output Signal	-2V to -18V DC (linear to gap)
Sensitivity	7.87 mV/μm (200 mV/mil) ±5%
Frequency Response	0 to 10kHz
Exact Part Number	123616-01
Product Family	330400 and 330425 Accelerometer
Component Type	Proximity Probe Assembly
Measurement Principle	Eddy-current proximity sensing

ADDITIONAL PRODUCT DATA

Nominal Probe Tip	8 mm sensor family
Power Supply	-17.5 to -26 V DC
Scale Factor	7.87 V/mm nominal
Linear Range	0.25 to 2.30 mm
Target Material	AISI 4140 steel

OFFICIAL APPLICATIONS

- Apply the documented proximity probe assembly: Use 123616-01 in the documented 330400 and 330425 Accelerometer measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded proximity probe assembly connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 123616-01. Restore each connection to the controlled drawing.
- Validate the complete proximity probe assembly signal path: After installing 123616-01, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 123616-01 to the installed 330400 and 330425 Accelerometer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 123616-01 manufacturer documentation](#)

Local manufacturer PDF supplied by user

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