

3300 SYSTEM

Product Data Sheet

143493-00-080-040-50-00

proximity probe assembly

FUNCTION proximity probe assembly	FAMILY 3300 System	ORIGIN USA	WEIGHT 0.96 kg
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3300 System 143493-00-080-040-50-00 is a proximity probe assembly for the 3300 System. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +150°C (-40°F to +302°F)
Vibration Limit	10 g peak
Exact Part Number	143493-00-080-040-50-00
Product Family	3300 System
Component Type	Proximity Probe Assembly
Measurement Principle	Eddy-current proximity sensing
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

ADDITIONAL PRODUCT DATA

Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel
Cable Impedance	75 ohm triaxial
Output Resistance	50 ohm nominal
System Components	Probe, cable and Proximitior

OFFICIAL APPLICATIONS

- Apply the documented proximity probe assembly: Use 143493-00-080-040-50-00 in the documented 3300 System 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 143493-00-080-040-50-00. Restore each connection to the controlled drawing.
- Validate the complete proximity probe assembly signal path: After installing 143493-00-080-040-50-00, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 143493-00-080-040-50-00 to the installed 3300 System, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 143493-00-080-040-50-00 manufacturer documentation](#)

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