

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

330102-16-40-50-01-05

eight millimeter proximity probe

FUNCTION eight millimeter proximity probe	FAMILY 3300 XL 8 mm proximity	ORIGIN United States	WEIGHT 0.45 kg
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3300 XL 8mm Proximity Transducer 330102-16-40-50-01-05 is a eight millimeter proximity probe for the 3300 XL 8 mm proximity transducer systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Probe Thread	3/8-24 UNF
Cable Armor	Stainless steel armor
Unthreaded Length	1.6 in
Overall Case Length	4.0 in
Total Cable Length	5.0 m
Connector Option	ClickLoc with protector
Approval Option	CSA, ATEX and IECEx
Power Supply	-17.5 to -26 V DC
Current Consumption	12 mA maximum
Linear Range	0.25 to 2.30 mm

ADDITIONAL PRODUCT DATA

Scale Factor	7.87 V/mm nominal
Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel
Cable Impedance	75 ohm triaxial
Probe Temperature	-51 to +177 °C

OFFICIAL APPLICATIONS

- Turbine and generator bearing measurement points: Steam turbine shaft vibration sensing; Generator thrust position measurement
- Compressor trains and pipeline pump skids: Centrifugal compressor bearing monitoring; Pipeline pump shaft position tracking
- Process compressors and reactor circulation pumps: Refrigeration compressor vibration measurement; Circulation pump bearing condition tracking

SYSTEM COMPATIBILITY

Match 330102-16-40-50-01-05 to the installed 3300 XL 8 mm proximity transducer 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/23d2a1de24360b13/original/3300-XL-8mm-Proximity-Transducer-System-Datasheet-141194-pdf.pdf>

AMIKON PRODUCT SUPPORT

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