

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

330104-10-20-10-02-00

eight millimeter proximity probe

FUNCTION eight millimeter proximity probe	FAMILY 3300 XL 8 mm proximity	ORIGIN United States	WEIGHT
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3300 XL 8mm Proximity Transducer 330104-10-20-10-02-00 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	M10 x 1
Cable Armor	Stainless steel armor
Unthreaded Length	100 mm
Overall Case Length	200 mm
Total Cable Length	1.0 m
Connector	ClickLoc without protector
Linear Range	0.25 to 2.30 mm
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 deg C
Supply Voltage	-17.5 to -26 V DC
Current Consumption	12 mA maximum
Agency Approval	Not required

- 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

Match 330104-10-20-10-02-00 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.

[Bently Nevada official manufacturer documentation](#)

<https://dam.bakerhughes.com/m/23d2a1de24360b13/original/3300-XL-8mm-Proximity-Transducer-System-Datasheet-141194-pdf.pdf>

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