

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEMS

# Product Data Sheet

**330103-00-13-10-02-00**

eight millimeter proximity probe

|                                              |                                  |                         |        |
|----------------------------------------------|----------------------------------|-------------------------|--------|
| FUNCTION<br>eight millimeter proximity probe | FAMILY<br>3300 XL 8 mm proximity | ORIGIN<br>United States | WEIGHT |
|----------------------------------------------|----------------------------------|-------------------------|--------|

3300 XL 8mm Proximity Transducer 330103-00-13-10-02-00 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         | None                       |
| Unthreaded Length   | 0 mm                       |
| Overall Case Length | 130 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            |

## ADDITIONAL PRODUCT DATA

|                     |                   |
|---------------------|-------------------|
| 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      |

## OFFICIAL APPLICATIONS

- Propulsion shafts and auxiliary compressor trains: Propulsion bearing vibration measurement; Auxiliary compressor shaft position tracking
- Test stands and high-speed machine spindles: Spindle bearing vibration measurement; Drive-train shaft position verification
- Turbine and generator bearing measurement points: Steam turbine shaft vibration sensing; Generator thrust position measurement

## SYSTEM COMPATIBILITY

Match 330103-00-13-10-02-00 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.

## 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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