

BENTLY NEVADA TECHNICAL DOCUMENT

Product Data Sheet

330105-02-12-05-02-05

01

PRODUCT IDENTIFICATION

Manufacturer	Bently Nevada
Model	330105-02-12-05-02-05
Family	3300 XL 8 mm Proximity Transducer System
Product type	3300 XL 8 mm Reverse-Mount Probe

02

VERIFIED TECHNICAL DATA

Mounting configuration	Reverse mount
Case thread	3/8-24 UNF
Probe tip diameter	8.0 mm
Total length option	05: 0.5 metre (1.6 feet)
Connector option	02: Miniature ClickLoc coaxial connector
Agency approval option	05: CSA, ATEX and IECEx approvals
Probe cable impedance	75 ohm
Recommended case torque	7.5 N m, reverse mount

03 REMAINING TECHNICAL DATA

Nominal scale factor	7.87 V/mm (200 mV/mil)
Linear range	2.0 mm (80 mil)

04 TECHNICAL AND APPLICATION NOTES

330105-02-12-05-02-05 is a reverse-mount 3300 XL 8 mm proximity probe with 3/8-24 UNF threads, 0.5 metre total length, a miniature ClickLoc coaxial connector and multiple approvals. The probe must operate with the matching 3300 XL 8 mm Proximitor Sensor and correct total electrical system length. Verify approval markings and the complete installed configuration before replacement.

05 APPLICATIONS

- Radial shaft vibration measurement
- Axial shaft position measurement
- Rotor eccentricity measurement
- Differential expansion measurement
- Keyphasor phase-reference and speed measurement

06 INSTALLATION CONTROL

Confirm the complete order number and approval markings before installation. Set the operating gap and verify channel response before returning machinery to service.