

BENTLY NEVADA TECHNICAL DOCUMENT

# Product Data Sheet

330102-00-40-05-01-05

01

## PRODUCT IDENTIFICATION

|              |                                              |
|--------------|----------------------------------------------|
| Manufacturer | Bently Nevada                                |
| Model        | 330102-00-40-05-01-05                        |
| Family       | 3300 XL 8 mm Proximity Transducer System     |
| Product type | 3300 XL 8 mm Standard-Mount Probe with Armor |

02

## VERIFIED TECHNICAL DATA

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| Mounting configuration     | Standard mount with armor                             |
| Case thread                | 3/8-24 UNF-2A                                         |
| Unthreaded length option   | 00: 0.0 in                                            |
| Overall case length option | 40: 4.0 in                                            |
| Total length option        | 05: 0.5 metre (1.6 feet)                              |
| Connector and cable option | 01: ClickLoc connector with protector, standard cable |
| Agency approval option     | 05: CSA, ATEX and IECEx approvals                     |
| Probe tip diameter         | 8.0 mm                                                |

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

330102-00-40-05-01-05 is a 3300 XL 8 mm standard-mount proximity probe with armor, a 3/8-24 UNF thread, 4.0-inch overall case length, 0.5-metre total length and a ClickLoc connector. The complete probe, extension cable where applicable, Proximitor Sensor and monitor configuration must be matched as a system. Verify the full order code and approval markings before replacement.

05

## APPLICATIONS

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