

BENTLY NEVADA TECHNICAL DOCUMENT

Product Data Sheet

330102-00-85-10-01-05

01 PRODUCT IDENTIFICATION

Manufacturer	Bently Nevada
Model	330102-00-85-10-01-05
Family	3300 XL 8 mm Proximity Probe
Product type	3/8-24 UNF armored probe

02 CONFIGURATION SUMMARY

Probe family	3300 XL 8 mm
Thread	3/8-24 UNF
Cable armor	Yes
Unthreaded length	0 in
Overall case length	8.5 in
Total length	1.0 m
Connector and cable	ClickLoc connector with protector, standard cable

03 TECHNICAL AND APPLICATION NOTES

This document identifies the exact ordered configuration. Verify every order-code segment before replacement or installation. The probe, extension cable and signal conditioner must belong to the compatible Bently Nevada family and must satisfy the required total electrical system length. Use controlled manufacturer documentation for mounting clearances, target material, hazardous-area requirements, cable routing and commissioning limits.

04 REMAINING TECHNICAL DATA

Agency approvals	CSA, ATEX and IECEx approvals
Measurement method	Non-contact eddy current
Reference target	AISI 4140 steel

05 APPLICATIONS

- Fluid-film bearing shaft vibration monitoring
- Axial shaft-position measurement
- Keyphasor phase-reference or speed measurement
- Machinery protection and condition monitoring

06 INSTALLATION CONTROL

De-energize associated monitoring circuits, inspect the complete model number, confirm mechanical fit, protect connectors from contamination and moisture, and record the installed configuration and baseline readings. This concise document complements - and does not replace - the official controlled manufacturer literature.