

BENTLY NEVADA TECHNICAL DOCUMENT

Product Data Sheet

330901-00-55-05-02-05

01

PRODUCT IDENTIFICATION

Manufacturer	Bently Nevada
Model	330901-00-55-05-02-05
Family	3300 XL NSv Proximity Transducer System
Product type	3300 XL NSv Proximity Probe

02

VERIFIED TECHNICAL DATA

Case thread	1/4-28 UNF-2A
Unthreaded length	0.0 inch
Overall case length	5.5 inches
Total probe length	0.5 metre
Cable armor	Without armor
Cable construction	75-ohm coaxial, FEP insulated
Connector	Miniature coaxial ClickLoc, no protector
Probe tip material	Polyphenylene sulfide (PPS)

03 REMAINING TECHNICAL DATA

Probe case material	AISI 304 stainless steel
Agency approval	Multiple approvals

04 TECHNICAL AND APPLICATION NOTES

330901-00-55-05-02-05 is an unarmored 3300 NSv proximity probe with a 1/4-28 UNF-2A case thread, zero unthreaded length, 5.5-inch overall case length and 0.5-metre total probe length. The order uses a miniature coaxial ClickLoc connector with standard 75-ohm FEP-insulated cable and multiple agency approvals. Match the probe and extension-cable lengths to a 5-metre or 7-metre NSv system before commissioning.

05 APPLICATIONS

- Radial vibration measurement on small shafts
- Axial thrust-position measurement on small targets
- Tachometer and zero-speed measurement
- Keyphasor phase-reference measurement
- Restricted-sideview compressor probe installation

06 INSTALLATION CONTROL

Verify the complete probe order code and approval markings. Verify probe gap, signal response and monitor-channel function before service.