

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330903-00-11-10-01-CN

3300 XL NSv standard-mount proximity probe, M8 x 1, without armor

THREAD	LENGTH	CASE	ARMOR
M8 x 1	1.0 m	110 mm	Unarmored

Bently Nevada 330903-00-11-10-01-CN is an unarmored, metric 3300 NSv proximity probe for the 3300 XL NSv system. Its M8 x 1 mounting, 110 mm case and one-metre total length suit a separately verified narrow-sideview installation configuration.

01

VERIFIED PRODUCT IDENTITY

Product model	330903-00-11-10-01-CN
Mounting thread	M8 x 1
Unthreaded length	0 mm
Overall case length	110 mm
Total probe length	1.0 m
Cable armor	Unarmored
Connector package	Miniature coaxial ClickLoc with connector protector

Exact ordering basis: 147385 Rev. R. CN ordering option; verify applicable certificate and markings. Product configuration dimensions are not package dimensions.

02 TECHNICAL DATA

Probe cable construction	75-ohm coaxial cable with FEP insulation
Probe tip material	Polyphenylene sulfide (PPS)
Probe case material	AISI 304 stainless steel
Probe temperature range	-52 to +177 deg C; pressure-seal caveat below -34 deg C
Nominal probe DC resistance	4.2 +/- 0.5 ohm, center to outer conductor
Probe case-to-lead tensile rating	220 N maximum rated
Minimum cable bend radius	25.4 mm
Approval ordering option	CN ordering option; verify applicable certificate and markings

03 APPLICATION & SYSTEM CHECKS

- Shaft vibration in constrained compressor spaces.
- Thrust position at a limited target area.
- Phase reference in compact bearing arrangements.

The protected standard-cable termination connects within a matched NSv measurement chain for constrained machinery geometry. Keep the CN approval selection with the complete order, confirm the supplied certification markings, and verify shaft size, counterbore and probe spacing against the NSv guidance rather than standard 8 mm assumptions.

04 OFFICIAL DOCUMENTATION

Bently Nevada 147385 Rev. R - official manufacturer source

Applicable source sections: 147385 pp1-7,11-13; 108M1756 pp10,28. No hardware revision, lifecycle date, exact successor or unverified shipping values are asserted.