

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330101-00-35-10-01-05

3300 XL 8 mm standard-mount proximity probe, 3/8-24 UNF-2A, without armor

THREAD	LENGTH	CASE	ARMOR
3/8-24 UNF	1.0 m	3.5 in	Unarmored

Bently Nevada 330101-00-35-10-01-05 is an unarmored 3300 XL 8 mm proximity probe with a 3.5-inch case and one-metre total length. Its imperial mounting thread and protected ClickLoc termination support integration into the corresponding machinery measurement channel.

01

VERIFIED PRODUCT IDENTITY

Product model	330101-00-35-10-01-05
Mounting thread	3/8-24 UNF-2A
Unthreaded length	0.0 in
Overall case length	3.5 in
Total probe length	1.0 m
Cable armor	Unarmored
Connector package	Miniature coaxial ClickLoc with connector protector

Exact ordering basis: 141194 Rev. AM. CSA, ATEX and IECEx ordering option. Product configuration dimensions are not package dimensions.

02 TECHNICAL DATA

Probe cable construction	75-ohm triaxial cable with FEP insulation
Probe tip material	Polyphenylene sulfide (PPS)
Probe case material	AISI 303 or 304 stainless steel
Probe temperature range	-52 to +177 deg C; pressure-seal caveat below -34 deg C
Nominal probe DC resistance	7.59 +/- 0.50 ohm, center to outer conductor
Probe case-to-lead tensile rating	330 N maximum rated
Minimum cable bend radius	25.4 mm
Approval ordering option	CSA, ATEX and IECEx ordering option

03 APPLICATION & SYSTEM CHECKS

- Radial shaft movement at fluid-film bearings.
- Static machine position monitoring.
- Phase reference for machinery analysis.

The probe senses a conductive target as part of a matched Proximity system, supporting vibration, position or rotational reference measurements. Select the electrical length independently of the case length, and check mounting engagement, connector protection and the supplied approval markings before installation.

04 OFFICIAL DOCUMENTATION

Bently Nevada 141194 Rev. AM - official manufacturer source

Applicable source sections: 141194 pp1-4,7-9,13; 108M1756 p26. No hardware revision, lifecycle date, exact successor or unverified shipping values are asserted.