

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330102-00-70-10-02-00

3300 XL 8 mm standard-mount proximity probe, 3/8-24 UNF-2A, with armor

THREAD	LENGTH	CASE	ARMOR
3/8-24 UNF	1.0 m	7.0 in	Armored

Bently Nevada 330102-00-70-10-02-00 is an armored 3300 XL 8 mm proximity probe with a seven-inch imperial case. Its one-metre total length and standard ClickLoc connector are separate ordering selections, and the connector-protector package is not included under option 02.

01

VERIFIED PRODUCT IDENTITY

Product model	330102-00-70-10-02-00
Mounting thread	3/8-24 UNF-2A
Unthreaded length	0.0 in
Overall case length	7.0 in
Total probe length	1.0 m
Cable armor	Armored
Connector package	Miniature coaxial ClickLoc; no connector protector included

Exact ordering basis: 141194 Rev. AM. 00 approval ordering selection; do not infer hazardous-area certificates. 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
Recommended probe-case torque	11.2 N m; 7.5 N m for the first three threads

03 APPLICATION & SYSTEM CHECKS

- Fluid-film bearing vibration measurement.
- Gap-based position measurement.
- Reference pulse sensing for analysis.

Installed in an appropriately matched sensing chain, it supports the family's documented vibration, position and phase-reference measurements. Selection must account for case reach, mounting engagement and cable protection without assigning FluidLoc construction, hazardous-area approvals or complete-system output characteristics to this standalone probe.

04 OFFICIAL DOCUMENTATION

Bently Nevada 141194 Rev. AM - official manufacturer source

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