

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330171-00-30-10-02-BR

3300 5 mm standard-mount proximity probe, 1/4-28 UNF-2A, without armor

THREAD	LENGTH	CASE	ARMOR
1/4-28 UNF	1.0 m	3.0 in	Unarmored

Bently Nevada 330171-00-30-10-02-BR is a 3300 5 mm proximity probe with a three-inch imperial case and one-metre total length. This unarmored standard-cable configuration retains the BR approval selection and uses a ClickLoc termination without an included connector protector.

01

VERIFIED PRODUCT IDENTITY

Product model	330171-00-30-10-02-BR
Mounting thread	1/4-28 UNF-2A
Unthreaded length	0.0 in
Overall case length	3.0 in
Total probe length	1.0 m
Cable armor	Unarmored
Connector package	Miniature coaxial ClickLoc; no connector protector included

Exact ordering basis: 172036 Rev. T. BR ordering option; verify applicable INMETRO certificate and markings. 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	-35 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	222 N maximum rated
Minimum cable bend radius	25.4 mm
Approval ordering option	BR ordering option; verify applicable INMETRO certificate and markings

03 APPLICATION & SYSTEM CHECKS

- Thrust-bearing position in restricted physical spaces.
- Compact probe mounting on bearing machinery.
- Shaft reference sensing for machine monitoring.

Used with the documented XL extension cable and Proximitor, the probe supports noncontact machinery position and vibration measurement where physical access favors the smaller package. Verify the complete channel, actual mounting clearances and BR certificate conditions; do not equate the probe's compact tip with narrow-sideview capability.

04 OFFICIAL DOCUMENTATION

Bently Nevada 172036 Rev. T - official manufacturer source

Applicable source sections: 172036 pp1-6,10; 108M1756 pp9,27. No hardware revision, lifecycle date, exact successor or unverified shipping values are asserted.