

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330102-00-80-10-01-05

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	8.0 in	Armored

Bently Nevada 330102-00-80-10-01-05 combines an eight-inch imperial probe case with an armored, one-metre total assembly for 3300 XL 8 mm measurements. Standard cable and a protected ClickLoc connector are specified by this complete ordering configuration.

01

VERIFIED PRODUCT IDENTITY

Product model	330102-00-80-10-01-05
Mounting thread	3/8-24 UNF-2A
Unthreaded length	0.0 in
Overall case length	8.0 in
Total probe length	1.0 m
Cable armor	Armored
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

- Bearing monitoring with an extended case.
- Conductive target position measurement.
- Keyphasor input for rotating equipment.

Its sensing role covers conductive-target vibration and position measurement when connected to the correct Proximitor channel. The long case requires a suitable mounting arrangement, while cable bend radius, thread engagement and electrical system length remain separate constraints that must be checked during replacement.

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.