

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330104-00-06-90-02-05

3300 XL 8 mm standard-mount proximity probe, M10 x 1, with armor

THREAD	LENGTH	CASE	ARMOR
M10 x 1	9.0 m	60 mm	Armored

Bently Nevada 330104-00-06-90-02-05 is an armored metric 3300 XL 8 mm probe with a 60 mm case and nine-metre total length. The order selects standard cable and a ClickLoc connector without the separate protector package associated with option 01.

01

VERIFIED PRODUCT IDENTITY

Product model	330104-00-06-90-02-05
Mounting thread	M10 x 1
Unthreaded length	0 mm
Overall case length	60 mm
Total probe length	9.0 m
Cable armor	Armored
Connector package	Miniature coaxial ClickLoc; no connector protector included

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	9.87 +/- 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 sensing with a nine-metre assembly.
- Distance monitoring at a conductive machine target.
- Phase-reference sensing for rotating machinery.

The assembly provides the sensing element for a correctly matched proximity channel used in machinery vibration, position or reference measurements. Confirm the nine-metre electrical configuration, metric thread engagement and protected cable route; mechanical case size does not determine the required Proximitor system length or approval conditions.

04 OFFICIAL DOCUMENTATION

Bently Nevada 141194 Rev. AM - official manufacturer source

Applicable source sections: 141194 pp1-4,7-9,14; 108M1756 p26. No hardware revision, lifecycle date, exact successor or unverified shipping values are asserted.