

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330104-06-14-10-02-00

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

THREAD	LENGTH	CASE	ARMOR
M10 x 1	1.0 m	140 mm	Armored

Bently Nevada 330104-06-14-10-02-00 is a metric, armored 3300 XL 8 mm proximity probe. The order specifies a 140 mm case with a 60 mm unthreaded section, together with a one-metre total length and standard ClickLoc cable termination.

01

VERIFIED PRODUCT IDENTITY

Product model	330104-06-14-10-02-00
Mounting thread	M10 x 1
Unthreaded length	60 mm
Overall case length	140 mm
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

- Metric-mounted shaft monitoring.
- Position measurement at a conductive surface.
- Machine rotational reference detection.

This configuration is intended for a compatible proximity measurement chain rather than direct standalone signal transmission. Verify the metric mounting, usable thread engagement and required Proximitor length, and provide suitable connector protection because the selected termination does not include the protector supplied with option 01.

04 OFFICIAL DOCUMENTATION

Bently Nevada 141194 Rev. AM - official manufacturer source

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