

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330910-00-06-70-02-05

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

THREAD	LENGTH	CASE	ARMOR
M10 x 1	7.0 m	60 mm	Armored

Bently Nevada 330910-00-06-70-02-05 is an armored M10 x 1 proximity probe in the 3300 NSv family. Its 60 mm case and seven-metre total length are combined with standard cable and a ClickLoc connector without the optional protector package.

01

VERIFIED PRODUCT IDENTITY

Product model	330910-00-06-70-02-05
Mounting thread	M10 x 1
Unthreaded length	0 mm
Overall case length	60 mm
Total probe length	7.0 m
Cable armor	Armored
Connector package	Miniature coaxial ClickLoc; no connector protector included

Exact ordering basis: 147385 Rev. R. Multiple-approvals ordering option. Product configuration dimensions are not package dimensions.

02 TECHNICAL DATA

Probe cable construction	75-ohm coaxial cable with FEP insulation
Probe tip material	Polyphenylene sulfide (PPS)
Probe case material	AISI 304 stainless steel
Probe temperature range	-52 to +177 deg C; pressure-seal caveat below -34 deg C
Nominal probe DC resistance	5.9 +/- 0.9 ohm, center to outer conductor
Probe case-to-lead tensile rating	220 N maximum rated
Minimum cable bend radius	25.4 mm
Approval ordering option	Multiple-approvals ordering option

03 APPLICATION & SYSTEM CHECKS

- Vibration sensing where sideview is restricted.
- Axial thrust monitoring with a small target.
- Phase reference in compact mounting arrangements.

The corresponding 3300 XL NSv system addresses restricted sideview and small conductive targets in compressor and other machinery installations. Confirm the seven-metre sensing chain, metric engagement limit and actual target geometry; this NSv configuration must not inherit the electrical or mechanical assumptions of a standard 8 mm assembly.

04 OFFICIAL DOCUMENTATION

Bently Nevada 147385 Rev. R - official manufacturer source

Applicable source sections: 147385 pp1-7,11-13; 108M1756 p28. No hardware revision, lifecycle date, exact successor or unverified shipping values are asserted.