3300 XL NSV

# Product Data Sheet

## 330904-00-19-10-02-05

Armored proximity sensing probe

| CASE THREAD | CASE LENGTH | TOTAL PROBE LENGTH | CABLE EXECUTION |
|---|---|---|---|
| **M8 x 1** | **190 mm** | **1.0 m** | **Stainless steel armor** |

Bently Nevada 330904-00-19-10-02-05 is a 3300 NSv proximity probe with a M8 x 1 standard-mount case. It measures non-contact shaft vibration and position through a matched 3300 XL NSv extension cable and Proximitor sensor. The NSv design supports restricted counterbore and side-view clearances.

## 01 TECHNICAL DATA

| | |
|---|---|
| Case thread | M8 x 1 |
| Unthreaded length | 0 mm |
| Overall case length | 190 mm |
| Total probe length | 1.0 m |
| Lead construction | Stainless steel armor |
| Connector selection | 02: miniature coaxial ClickLoc, standard cable |
| Connector protector | Not fitted |
| Agency approval selection | 05: multiple approvals |
| Cable impedance | 75 ohm |
| Cable insulation | FEP |

Bently Nevada 147385 Rev. R; approval guide 108M1756 Rev. AV.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Probe tip material | Polyphenylene sulfide (PPS) |
| Probe case material | AISI 304 stainless steel |
| Probe DC resistance | 4.2 +/- 0.5 ohm |
| Matched-chain linear range | 1.5 mm; approximately 0.25 to 1.75 mm |
| Nominal matched-chain scale | 7.87 V/mm (200 mV/mil) |

## 03 PRODUCT FUNCTION

This execution has a 190 mm overall case, zero unthreaded length and a 1.0 m armored standard FEP-insulated lead. Connector option 02 supplies a miniature coaxial ClickLoc connection without a fitted protector. The assembly uses a PPS sensing tip and an AISI 304 stainless steel case. The final 05 field selects multiple approvals; the delivered marking and applicable certificate define the approved installation conditions.

## 04 SYSTEM COMPATIBILITY

Pair the 1.0 m probe lead with a 4 m extension for a 5 m chain or a 6 m extension for a 7 m chain. Use the matching NSv Proximitor calibration. The standard 7.87 V/mm scale and 1.5 mm linear range apply to the complete matched chain under the published AISI 4140 target conditions.

## 05 REFERENCE

Bently Nevada 147385 Rev. R; approval guide 108M1756 Rev. AV.

**AMIKON PRODUCT SUPPORT**

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**