3300 XL NSV

# Product Data Sheet

**330904-00-25-10-02-00**

Armored proximity sensing probe

| CASE THREAD | CASE LENGTH | TOTAL PROBE LENGTH | CABLE EXECUTION |
|---|---|---|---|
| **M8 x 1** | **250 mm** | **1.0 m** | **Stainless steel armor** |

Bently Nevada 330904-00-25-10-02-00 is a 3300 NSv proximity probe with a M8 x 1 standard-mount case. It supports non-contact radial vibration, position, speed and phase-reference measurements in the matched 3300 XL NSv sensing chain, including installations with restricted side-view clearance.

## 01 TECHNICAL DATA

| | |
|---|---|
| Case thread | M8 x 1 |
| Unthreaded length | 0 mm |
| Overall case length | 250 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 | 00: not required |
| Cable impedance | 75 ohm |
| Cable insulation | FEP |

Bently Nevada 3300 XL NSv Datasheet 147385 Rev. R; specifications, metric ordering and standard-mount drawing.

## 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

The ordered body is 250 mm long with no unthreaded section. Its 1.0 m FEP-insulated lead is armored, terminating in a standard miniature coaxial ClickLoc connector without a fitted protector. The PPS sensing tip and AISI 304 case form the probe assembly; the final 00 option does not request agency approvals.

## 04 SYSTEM COMPATIBILITY

The 1.0 m probe lead combines with a 4.0 m extension for a 5 m NSv chain or a 6.0 m extension for a 7 m chain. Match the Proximitor calibration to that total. Standard specifications use an AISI 4140 steel target; the nominal sensitivity is 7.87 V/mm and the linear range is approximately 0.25 to 1.75 mm.

## 05 REFERENCE

Bently Nevada 3300 XL NSv Datasheet 147385 Rev. R; specifications, metric ordering and standard-mount drawing.

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM