BENTLY NEVADA 3300 XL NSV PROXIMITY PROBE

# 330903-00-05-10-01-00-CN

A model-specific product manual prepared by Moore Automation. The ordering code below is interpreted against Baker Hughes document 147385 Rev. R.

| PROBE CONSTRUCTION | TOTAL PROBE LENGTH |
| --- | --- |
| **M8 x 1, unarmored** | **1.0 m (3.3 ft)** |

## Exact ordering-code decode

| CONFIGURATION FIELD | DECODED VALUE |
| --- | --- |
| 330903 | **M8 x 1 standard-mount probe, without armor** |
| 00 | **0 mm unthreaded length** |
| 05 | **50 mm case length** |
| 10 | **1.0 m (3.3 ft) total probe length** |
| 01 | **Miniature ClickLoc connector; standard cable; connector protector included** |
| 00-CN | **Supplied suffix 00-CN; verify the exact nameplate and required approval option** |

## Application fit

- 3300 XL NSv is intended for compressor and other machinery installations where side-view clearance is limited.
- The narrow probe tip supports radial-vibration measurements on shafts smaller than 51 mm (2 in) and axial-position measurements on flat targets smaller than 15 mm (0.6 in), subject to the complete system configuration.
- This model combines a 50 mm case with a 1.0 m (3.3 ft) total probe length. Verify mounting depth, cable routing, connector clearance, and the mating Proximitor Sensor before purchase.

| SYSTEM-LEVEL PERFORMANCE | INSTALLATION NOTE |
| --- | --- |
| Nominal scale factor: 7.87 V/mm (200 mV/mil)<br>Linear range: 1.5 mm (60 mil)<br>Recommended gap: 1.0 mm (40 mil) | Performance specifications apply to the complete matched transducer system under the conditions stated by Baker Hughes. Do not treat probe-only ordering data as a complete-system calibration certificate. |

PROCUREMENT AND INSTALLATION CHECKLIST

# Before ordering 330903-00-05-10-01-00-CN

Use this checklist to confirm that the selected probe fits the mechanical installation and the complete NSv transducer chain.

| CONFIGURATION FIELD | DECODED VALUE |
|---|---|
| Model identity | **Confirm the full code exactly: 330903-00-05-10-01-00-CN** |
| Mounting | **Confirm m8 x 1 standard-mount probe and without armor** |
| Case reach | **Confirm 50 mm case and 0 mm unthreaded length** |
| Probe length | **Confirm 1.0 m (3.3 ft) total probe length and compatible extension-cable/system arrangement** |
| Connection | **Confirm miniature clickloc connector; standard cable; connector protector included** |
| Approval | **Confirm option 00-CN: Supplied suffix 00-CN; verify the exact nameplate and required approval option** |
| Target | **Confirm target material, diameter, geometry, and required measurement range** |
| Environment | **Confirm temperature, chemical exposure, cable protection, and hazardous-area requirements** |

## Material and electrical reference

- Probe tip material: polyphenylene sulfide (PPS).
- Probe case material: AISI 304 stainless steel.
- Probe cable: 75 ohm triaxial cable with FEP insulation; stainless-steel armor is present only where identified by the ordering family.
- Electrical performance must be evaluated as part of the complete matched 3300 XL NSv transducer system under the conditions in the official datasheet.

**DIRECT SALES INQUIRY**

Send the full model **330903-00-05-10-01-00-CN**, quantity, delivery country, and a clear nameplate or installation photo.

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## Source and document status

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|---|---|
| **Technical basis** | Baker Hughes, 3300 XL NSv Proximity Transducer System Datasheet, document 147385 Rev. R. |
| **Publisher** | Moore Automation - independent industrial automation supplier. |
| **Document status** | Moore Automation independent product manual. This is not a manufacturer-issued datasheet, certificate of conformity, or calibration certificate. |
| **Important** | Verify availability, revision status, compatibility, nameplate data, and all regulatory requirements before placing an order. Product names and trademarks belong to their respective owners. |