BENTLY NEVADA 3300 XL NSV PROXIMITY PROBE

330905-00-21-50-02-00

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
M10 x 1, unarmored	**5.0 m (16.4 ft)**

Exact ordering-code decode

CONFIGURATION FIELD	DECODED VALUE
330905	**M10 x 1 standard-mount probe, without armor**
00	**0 mm unthreaded length**
21	**210 mm case length**
50	**5.0 m (16.4 ft) total probe length**
02	**Miniature ClickLoc connector; standard cable; no connector protector**
00	**Approval not required**

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 210 mm case with a 5.0 m (16.4 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) Linear range: 1.5 mm (60 mil) 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 330905-00-21-50-02-00

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: 330905-00-21-50-02-00**
Mounting	**Confirm m10 x 1 standard-mount probe and without armor**
Case reach	**Confirm 210 mm case and 0 mm unthreaded length**
Probe length	**Confirm 5.0 m (16.4 ft) total probe length and compatible extension-cable/system arrangement**
Connection	**Confirm miniature clickloc connector; standard cable; no connector protector**
Approval	**Confirm option 00: Approval not required**
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 **330905-00-21-50-02-00**, quantity, delivery country, and a clear nameplate or installation photo.

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Source and document status

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.