

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Bently Nevada 330851-04-00-27-10-01-00

3300 XL 25 mm armored proximity probe, smooth 1.06 in side-exit case

CASE	CASE LENGTH	PROBE LENGTH	APPROVAL
Side exit	2.7 in	1.0 m	None

For qualified personnel. This concise reference does not replace complete manufacturer instructions, controlled drawings or site safety procedures. Verify the exact product and installation before use.

01

CONFIRM ORDERED CONFIGURATION

Product model	330851-04-00-27-10-01-00
Official-format lookup	330851-04-000-027-10-01-00
Case / exit	Smooth 1.06 in diameter / side exit
Overall case / total probe length	2.7 in (68.58 mm) / 1.0 m
Armor / approvals	Stainless-steel armor / no approvals
Required system	Matched 25 mm probe, extension cable and Proximitor

02

INSTALLATION CONTROLS

- Maintain at least a 25.4 mm cable bend radius. Protect the FluidLoc and ClickLoc connections from contamination.
- Finger-tight connector engagement is recommended; maximum connector torque is 0.565 N m.
- The smooth side-exit case is not a threaded probe. Use the applicable bracket, clearances and controlled manufacturer drawing.

03 OFFICIAL SIDE-EXIT PROBE DRAWING

3300 XL Proximity Transducer System
Datasheet

163236 Rev. M

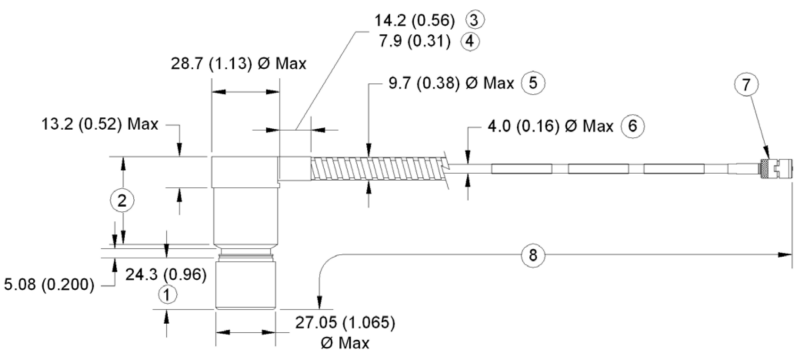


Figure 14: 330851, 3300 XL 25mm Proximity Probe, Smooth 1.06 in Dia. Side Exit Case

- 1. Probe Tip
- 2. Case Length
- 3. Dimension with SST Armor
- 4. Dimension without Armor
- 5. Optional Stainless Steel Armor
- 6. 75 ohm FluidLoc Cable
- 7. Removable Nut Connector 5.3 (0.21) Diameter w/Nut Removed
- 8. Total Length +30%, -0% for 1m Probes and +20%, -0% for 5m and 9m Probes

163236 Rev. M, original p. 28, Figure 14. Full original page retained at its original aspect ratio. The smooth case is 2.7 in long; the selected lead is 1.0 m with armor.

04 CONNECTION & FUNCTIONAL CHECKS

01	Confirm the smooth side-exit case, 2.7 in case length, 1.0 m probe lead, steel armor and no-approvals option.
02	Match the extension cable and 3300 XL 25 mm Proximitor to the complete 5 m or 9 m system length.
03	Use the specified target and gap conditions. The nominal 12.7 mm range and 0.787 V/mm scale factor apply to the complete system.
04	Protect the connector interfaces and observe the 25.4 mm minimum lead bend radius.
05	Verify system operation during installation and periodically by controlled movement simulating the shaft collar.
06	For a documented 7200 or DE Integral system upgrade, replace probe, extension cable and Proximitor together.

05 RESTRICTIONS & SOURCE INSTRUCTIONS

- Probe and extension cable normal limits: -35 to +200 C. Probe-only +250 C exposure is limited to less than 24 hours. Proximitor operating limit is -51 to +100 C.
- Do not treat the probe as a guaranteed process-pressure containment device. Probes are not pressure-tested before shipment; independently ensure safe containment if leakage occurs.
- Approval option 00 has no approvals. Obtain applicable controlled installation instructions, drawings and site safety requirements before commissioning.

Bently Nevada 163236 Rev. M - official datasheet

Official basis: 163236 Rev. M, pp. 1-7, 11-12 and 28.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM