

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Selected official pages for procurement and maintenance review

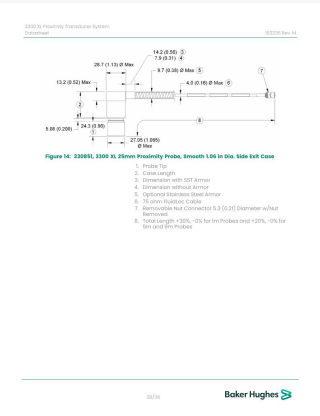
PRODUCT BRAND

Bently Nevada

PRODUCT MODEL

330851-04-000-027-10-01-00

25 mm side-exit proximity probe. Requires a matched 3300 XL
25 mm extension cable and Proximitor Sensor.



OFFICIAL SOURCE

Datasheet 163236 Rev. M

[Open current manufacturer source](#)

AMIKON PRODUCT SUPPORT

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Amikon Limited prepared this independent reference package. Selected manufacturer pages follow with their original content and pagination visible.

Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108M1756\)](#).

For additional technical documentation, please log in to [bntechsupport.com](#) and access the Bently Nevada Media Library.

3300 XL 25 mm Proximity Probe

330851-AA-BBB-CCC-DD-EE-FF

A: Probe Case Type Option



Standard case types are options 01 through 04.

01	1 ¼ - 12 thread
02	M30x2 thread
03	Smooth 1.06 in dia. - Rear Exit
04	Smooth 1.06 in dia. - Side Exit
05	1 ½ - 12 thread
06	M39x1.5 thread
07	Smooth 1.5 in dia. - Rear Exit
08	Smooth 1.5 in dia. - Side Exit

B: Unthreaded Length Option



Standard unthreaded length is 0.0 mm or 0.0 in. There is an additional charge for non-standard unthreaded lengths.



Unthreaded length must be at least 26 mm or 1.0 in less than the case length. Unthreaded length option is 0.0 for smooth case probe types.

Metric Case Types
Order in increments of 2 mm

Maximum Unthreaded Length	224 mm
Minimum Unthreaded Length	0 mm
Example	050 = 50 mm

English Case Types
Order in increments of 0.1 in

Maximum Unthreaded Length	8.9 in
Minimum Unthreaded Length	0.0 in
Example	025 = 2.5 in

C: Overall Case Length Option



Standard case lengths are 26, 40, 60, 80, 100 and 250 mm for Metric cases and 1.0, 2.0, 3.0, 4.0, and 9.9 in for English cases. There is an additional charge for non-standard lengths.

Metric Case Types
Order in increments of 2 mm

3300 XL Proximity Transducer System
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Maximum Unthreaded Length	250 mm
Minimum Unthreaded Length	26 mm
Example	050 = 50 mm

English and Smooth Case Types
Order in increments of 0.1 in

Maximum Unthreaded Length	9.9 in
Minimum Unthreaded Length	1.0 in (1.5 in for side exit case types)
Example	020 = 2.0 in

D: Total Length Option

10	1.0 metre (3.3 feet)
50	5.0 metres (16.4 feet)
90	9.0 metres (29.5 feet)

 Five metre probes are designed for use with the five metre Proximity Sensor ONLY.

E: Armor Option

00	No Armor
01	with SST Armor

 When ordering SST Armor, the minimum probe length is 28 mm or 1.1 in

F: Agency Approval Option

00	No Approvals
05	Multiple Approvals



For a shorter delivery time, order commonly stocked multi-approvals probes.

Currently, stocked probes consist of the following part numbers:

330851-01-000-020-10-00-05
 330851-01-000-030-10-00-05
 330851-02-000-040-10-00-05
 330851-02-000-080-10-00-05
 330851-04-000-015-10-00-05
 330851-04-000-020-10-00-05

3300 XL 25 mm Proximity Sensor**330850-AA-BB****A: Total Length and Mounting Option**

5 0	5.0 metres (16.4 feet) system length, panel mount
5 1	5.0 metres (16.4 feet) system length, DIN mount
9 0	9.0 metres (29.5 feet) system length, panel mount
9 1	9.0 metres (29.5 feet) system length, DIN mount

B: Agency Approval Option

0 0	No Approvals
0 5	Multiple Approvals

3300 XL Proximity Transducer System
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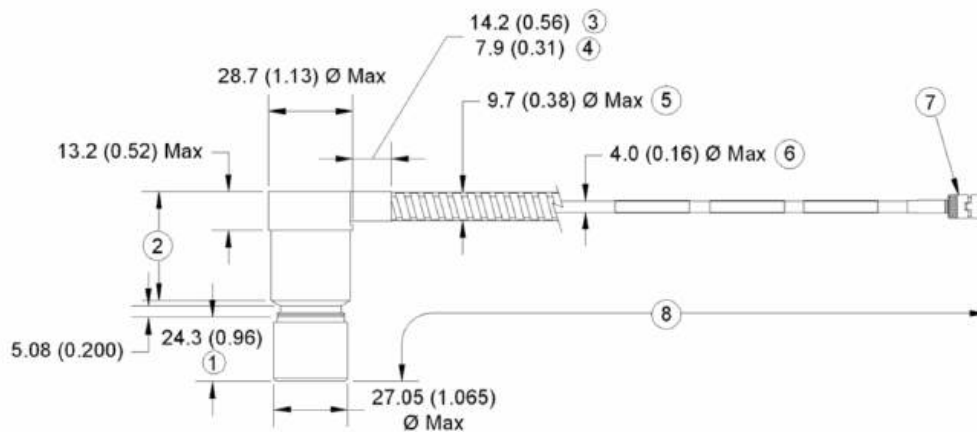


Figure 14: 330851, 3300 XL 25mm Proximity Probe, Smooth 1.06 in Dia. Side Exit Case

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