

330851-04-000-040-10-01-00

3300 XL 25 mm Proximity Probe

Bently Nevada 330851-04-000-040-10-01-00 is a smooth 1.06-inch side-exit 3300 XL 25 mm proximity probe with a 4.0-inch case, 1.0-metre total length and stainless-steel armor. Its final option specifies no agency approvals.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330851-04-000-040-10-01-00	FAMILY	3300 XL 25 mm Proximity Transducer System

MANUFACTURER SOURCE RECORD

3300 XL 25 mm Proximity Transducer System Datasheet
Baker Hughes / Bently Nevada publication 163236 Rev. M

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330851-04-000-040-10-01-00

Product Overview

SYSTEM FUNCTION

Bently Nevada 330851-04-000-040-10-01-00 is a smooth 1.06-inch side-exit 3300 XL 25 mm proximity probe with a 4.0-inch case, 1.0-metre total length and stainless-steel armor. Its final option specifies no agency approvals.

25 MM EXTENDED-RANGE PROXIMITY PROBE

Verified model-specific feature or controlled record item.

SMOOTH 1.06-INCH SIDE-EXIT CASE

Verified model-specific feature or controlled record item.

1.0-METRE ARMORED PROBE ASSEMBLY

Verified model-specific feature or controlled record item.

EXACT NO-APPROVAL ORDERING OPTION

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Match the 1.0 m probe to the documented 25 mm Proximitor Sensor system length and mounting arrangement. Verify side-exit clearance, armor routing, target geometry and final gap before commissioning.

Technical Data and Acceptance

Acceptance Path

PARAMETER	VERIFIED VALUE
Case type	Smooth 1.06 in diameter, side exit
Unthreaded length	0.0 in
Overall case length	4.0 in
Total length	1.0 m (3.3 ft)
Armor	Stainless steel
Agency approval	None

1 IDENTITY

Record 330851-04-000-040-10-01-00.

2 INTERFACE

Document mounting and connections.

3 CONFIGURATION

Confirm system and channel.

4 PROOF

Complete functional acceptance.

ENGINEERING BOUNDARY

Use the exact ordering-code values shown here together with the physical marking and installed-system record. Confirm mounting, connections and the configured channel before release.

Applications and Precautions

DIFFERENTIAL EXPANSION MEASUREMENT

Measures documented rotor-to-stator movement with the matched 25 mm system.

LARGE-RANGE SHAFT POSITION

Supports non-contact static position measurement over the published system range.

STEAM-TURBINE MONITORING

Fits side-exit arrangements where radial cable routing is required.

CONTROLLED RETROFIT WORK

Restores an exact 25 mm probe configuration in a verified system.

Controlled Checks

NO.	CHECK
1	Verify 330851-04-000-040-10-01-00 from the physical marking.
2	Do not claim hazardous-area approval for the final 00 option.
3	Confirm the smooth 1.06-inch side-exit case and 4.0-inch overall length fit the installation.
4	Protect and support the stainless-steel armor without sharp bends or crushing.
5	Match probe and extension-cable lengths to the selected Proximitior Sensor.
6	Verify target geometry, mechanical travel, final gap and monitor response before release.

FAQ, Related Products and Source

QUESTION	ANSWER
What product does 330851-04-000-040-10-01-00 identify?	Bently Nevada 330851-04-000-040-10-01-00 is a smooth 1.06-inch side-exit 3300 XL 25 mm proximity probe with a 4.0-inch case, 1.0-metre total length and stainless-steel armor. Its final option specifies no agency approvals.
Which case type applies to 330851-04-000-040-10-01-00?	The exact ordering record specifies Smooth 1.06 in diameter, side exit.
How is the unthreaded length defined for 330851-04-000-040-10-01-00?	The manufacturer ordering data gives 0.0 in.
Which Bently Nevada publication covers 330851-04-000-040-10-01-00?	Baker Hughes / Bently Nevada publication 163236 Rev. M.
What installation detail should be checked first for 330851-04-000-040-10-01-00?	Do not claim hazardous-area approval for the final 00 option.
How should connections or routing be controlled for 330851-04-000-040-10-01-00?	Protect and support the stainless-steel armor without sharp bends or crushing.
What acceptance evidence is required for 330851-04-000-040-10-01-00?	Verify target geometry, mechanical travel, final gap and monitor response before release.
What country of origin is listed for 330851-04-000-040-10-01-00?	The current publishing instruction specifies USA.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330102-00-80-10-11-05	Bently Nevada machinery-monitoring component	View 330102-00-80-10-11-05
330103-00-12-10-01-00	Bently Nevada machinery-monitoring component	View 330103-00-12-10-01-00
330103-00-10-10-12-05	Bently Nevada machinery-monitoring component	View 330103-00-10-10-12-05
330103-12-25-10-01-00	Bently Nevada machinery-monitoring component	View 330103-12-25-10-01-00
330104-00-22-10-02-00	Bently Nevada machinery-monitoring component	View 330104-00-22-10-02-00
330180-90-00	Bently Nevada machinery-monitoring component	View 330180-90-00
330101-00-53-10-12-05	Bently Nevada machinery-monitoring component	View 330101-00-53-10-12-05
330101-00-16-05-11-05	Bently Nevada machinery-monitoring component	View 330101-00-16-05-11-05

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