

330106-05-30-10-02-00

3300 XL 8 mm Reverse-Mount Metric Proximity Probe

Bently Nevada 330106-05-30-10-02-00 is a reverse-mount M10 x 1 3300 XL 8 mm probe with the fixed 5 mm unthreaded and 30 mm case configuration, plus a 1.0 m total lead. It uses a standard ClickLoc connector without protector and specifies no agency approval.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330106-05-30-10-02-00	FAMILY	3300 XL 8 mm Proximity Transducer System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS		PRODUCT	3300 XL 8 mm Reverse-Mount Metric Proximity Probe

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes / Bently Nevada publication 141194 Rev. AM

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Product Overview

SYSTEM FUNCTION

Bently Nevada 330106-05-30-10-02-00 is a reverse-mount M10 x 1 3300 XL 8 mm probe with the fixed 5 mm unthreaded and 30 mm case configuration, plus a 1.0 m total lead. It uses a standard ClickLoc connector without protector and specifies no agency approval.

REVERSE-MOUNT M10 X 1 CONSTRUCTION

Verified model-specific feature or controlled record item.

FIXED 5 MM BY 30 MM CASE

Verified model-specific feature or controlled record item.

ONE-METRE SYSTEM CONFIGURATION

Verified model-specific feature or controlled record item.

STANDARD UNCAPPED CLICKLOC CONNECTOR

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Mount 330106-05-30-10-02-00 from the rear of the verified metric bracket and keep the case within the reverse-mount torque limit. Use it only with the documented one-metre system arrangement and confirm target clearance before final gapping.

Technical Data and Acceptance

Acceptance Path

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Mounting style	Reverse mount
Probe thread	M10 x 1
Unthreaded length	5 mm
Overall case length	30 mm
Total length	1.0 m
Connector option	Standard ClickLoc without protector
Agency approval	None

1 IDENTITY

Record 330106-05-30-10-02-00.

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

METRIC REVERSE-MOUNT BRACKET

Fits supported machine brackets with rear access.

BEARING VIBRATION MONITORING

Measures radial shaft motion on fluid-film bearing machines.

POSITION OR KEYPHASOR CHANNEL

Supports verified static-position or phase-reference service.

SHORT-LOOP MACHINERY INSTALLATION

Uses the published one-metre probe and sensor configuration.

Controlled Checks

NO.	CHECK
1	Verify 330106-05-30-10-02-00 from the physical marking.
2	Confirm the fixed 5 mm unthreaded and 30 mm case dimensions.
3	Keep M10 x 1 thread engagement within 15 mm.
4	Apply no more than the published 7.5 N m reverse-mount case torque.
5	Protect the option-02 connector and avoid contaminating the gold-plated contacts.
6	Do not add an extension cable to the documented one-metre system arrangement.
7	Verify target size, shaft geometry and separation before setting gap.
8	Complete polarity, frequency-response and configured monitor tests before release.

FAQ, Related Products and Source

QUESTION	ANSWER
What distinguishes the case of 330106-05-30-10-02-00 from a configurable forward probe?	It uses the fixed reverse-mount metric geometry of 5 mm unthreaded length and 30 mm overall case.
How tightly may 330106-05-30-10-02-00 be secured?	The reverse-mount probe case torque limit is 7.5 N m.
Can a standard extension cable be inserted into the one-metre 330106-05-30-10-02-00 loop?	No. The manufacturer states that one-metre systems do not use an extension cable.
Which Proximity length matches 330106-05-30-10-02-00?	Use the documented one-metre 3300 XL 8 mm Proximity Sensor configuration.
What M10 thread engagement limit applies to 330106-05-30-10-02-00?	The M10 x 1 case has a published maximum engagement of 15 mm.
How should the uncapped connection of 330106-05-30-10-02-00 be handled?	Connector option 02 has no protector, so keep both ClickLoc contacts clean, dry and capped until mating.
What linear measurement span is available from 330106-05-30-10-02-00?	The matched system provides a published 2 mm linear range from approximately 0.25 to 2.3 mm.
What shaft size should be reviewed before accepting 330106-05-30-10-02-00?	The standard minimum shaft diameter is 50.8 mm and 76.2 mm is recommended.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
330101-00-24-10-12-05	Bently Nevada machinery-monitoring component	Open
330101-00-25-05-01-05	Bently Nevada machinery-monitoring component	Open
330101-00-25-05-11-00	Bently Nevada machinery-monitoring component	Open
330101-00-20-20-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-20-20-02-CN	Bently Nevada machinery-monitoring component	Open
330101-00-20-50-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-22-10-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-24-10-02-05	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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