

INDUSTRIAL MACHINERY MONITORING PRODUCT

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.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330106-05-30-10-02-00	HS code	8537101190
Product	3300 XL 8 mm Reverse-Mount Metric Proximity Probe	Ship from	Xiamen, Fujian, China
Family	3300 XL 8 mm Proximity Transducer System	Dimensions	

DOCUMENT SCOPE

Exact model identity, supported configuration data, installation checks, applications, precautions and controlled acceptance records.

MODEL-SPECIFIC ENGINEERING 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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330106-05-30-10-02-00

Verified Product Record

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

Installation Boundary

ENGINEERING BOUNDARY

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.

CHECK	REQUIRED RECORD
Identity	330106-05-30-10-02-00
Installed arrangement	Position, mating hardware, cable and termination
Configuration	Associated module or monitor channel
Acceptance	Diagnostics and controlled functional proof

SOURCE BOUNDARY

Baker Hughes / Bently Nevada publication 141194 Rev. AM. Apply only the exact ordering-code values shown in this document and verify the installed marking before work.

System Role and Verification

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.

IDENTITY
Record 330106-05-30-10-02-00 from the physical marking.

INTERFACE
Document every mating part, connector and cable before disturbance.

CONFIGURATION
Confirm the associated system and channel using manufacturer records.

ACCEPTANCE
Restore the documented arrangement and prove operation before release.

Controlled Installation Checklist

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.

Applications and Model-Specific FAQ

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.

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 Proximitor length matches 330106-05-30-10-02-00?	Use the documented one-metre 3300 XL 8 mm Proximitor 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.

Precautions and Related Products

NO.	PRECAUTION
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.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330101-00-17-10-02-CN	Bently Nevada machinery-monitoring component	Open
330101-00-18-10-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-19-10-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-20-05-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-20-10-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-20-10-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-20-10-02-CN	Bently Nevada machinery-monitoring component	Open
330101-00-20-15-02-05	Bently Nevada machinery-monitoring component	Open

MANUFACTURER SOURCE RECORD

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

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