

330105-02-12-05-02-00

3300 XL 8 mm Reverse-Mount English Proximity Probe

Bently Nevada 330105-02-12-05-02-00 is a reverse-mount 3/8-24 UNF 3300 XL 8 mm probe with the fixed 0.2 in unthreaded and 1.2 in case configuration, plus a 0.5 m total lead. It uses a standard ClickLoc connector without protector and has no agency approval.

IDENTITY	VERIFIED VALUE	TRADE	VERIFIED VALUE
Manufacturer	Bently Nevada	Country of origin	USA
Model	330105-02-12-05-02-00	HS code	8537101190
Product	3300 XL 8 mm Reverse-Mount English Proximity Probe	Ship from	Xiamen, Fujian, China
Family	3300 XL 8 mm Proximity Transducer System	Dimensions	1.2x1x62cm

DOCUMENT SCOPE

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

MODEL-SPECIFIC ENGINEERING NOTE

Install 330105-02-12-05-02-00 from the reverse side of the approved bracket and use the reverse-mount tightening limit. Pair its 0.5 m lead with the exact extension cable and Proximitor Sensor required for the documented 5 m or 9 m system.

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Verified Product Record

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Estimated shipping dimensions	1.2x1x62cm
Mounting style	Reverse mount
Probe thread	3/8-24 UNF
Unthreaded length	0.2 in
Overall case length	1.2 in
Total length	0.5 m
Connector option	Standard ClickLoc without protector
Agency approval	None

Installation Boundary

ENGINEERING BOUNDARY

Install 330105-02-12-05-02-00 from the reverse side of the approved bracket and use the reverse-mount tightening limit. Pair its 0.5 m lead with the exact extension cable and Proximitor Sensor required for the documented 5 m or 9 m system.

CHECK	REQUIRED RECORD
Identity	330105-02-12-05-02-00
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 330105-02-12-05-02-00 is a reverse-mount 3/8-24 UNF 3300 XL 8 mm probe with the fixed 0.2 in unthreaded and 1.2 in case configuration, plus a 0.5 m total lead. It uses a standard ClickLoc connector without protector and has no agency approval.

IDENTITY
Record 330105-02-12-05-02-00 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 the complete 330105-02-12-05-02-00 marking and retain existing product records.
2	Confirm the 0.2 in unthreaded and 1.2 in case dimensions fit the reverse-mount bracket.
3	Keep 3/8-24 thread engagement within 0.563 in.
4	Use the 7.5 N m reverse-mount torque limit rather than the forward-mount value.
5	Protect the option-02 connector because no connector protector is supplied.
6	Use the correct extension cable to complete the 0.5 m lead to the selected system length.
7	Verify 15.2 mm target size, shaft diameter and probe separation.
8	Record static gap, dynamic response, diagnostics and final protection-channel proof.

Applications and Model-Specific FAQ

REVERSE-SIDE BEARING BRACKET

Fits a documented bracket accessed from the rear mounting side.

RADIAL SHAFT VIBRATION

Measures dynamic shaft motion through a matched 8 mm transducer loop.

STATIC SHAFT POSITION

Reports non-contact position inside the calibrated linear range.

CONTROLLED INSTALLED-BASE REPLACEMENT

Restores the exact short reverse-mount probe identity.

QUESTION	ANSWER
Why is the mounting torque for 330105-02-12-05-02-00 lower than a forward probe?	It is a reverse-mount design; the datasheet specifies a 7.5 N m case-torque limit for reverse mounting.
What fixed case geometry identifies 330105-02-12-05-02-00?	The fixed reverse-mount code specifies 0.2 in unthreaded length and a 1.2 in overall case.
Which thread engagement is safe for 330105-02-12-05-02-00?	For the 3/8-24 case, the published maximum engagement is 0.563 in.
How is the 0.5 m lead of 330105-02-12-05-02-00 used in a 5 m loop?	Pair it with the matching 4.5 m extension cable and a 5 m Proximitor Sensor.
What extension cable completes 330105-02-12-05-02-00 for a 9 m system?	Use the matching 8.5 m extension cable with the 0.5 m probe and 9 m sensor.
Where should 330105-02-12-05-02-00 be biased for radial-vibration service?	Use the published approximately -9 V or 1.27 mm recommended gap, then confirm the installed linear range.
What probe spacing prevents cross-talk around 330105-02-12-05-02-00?	Maintain at least 40 mm axial separation or 38 mm radial separation between probes.
May 330105-02-12-05-02-00 be represented as an approved-area probe?	No. Its final 00 ordering option specifies no agency approval.

Precautions and Related Products

NO.	PRECAUTION
1	Verify the complete 330105-02-12-05-02-00 marking and retain existing product records.
2	Confirm the 0.2 in unthreaded and 1.2 in case dimensions fit the reverse-mount bracket.
3	Keep 3/8-24 thread engagement within 0.563 in.
4	Use the 7.5 N m reverse-mount torque limit rather than the forward-mount value.
5	Protect the option-02 connector because no connector protector is supplied.
6	Use the correct extension cable to complete the 0.5 m lead to the selected system length.
7	Verify 15.2 mm target size, shaft diameter and probe separation.
8	Record static gap, dynamic response, diagnostics and final protection-channel proof.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330101-00-12-15-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-12-20-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-13-15-02-CN	Bently Nevada machinery-monitoring component	Open
330101-00-13-30-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-15-05-11-00	Bently Nevada machinery-monitoring component	Open
330101-00-15-10-02-00	Bently Nevada machinery-monitoring component	Open
330101-00-15-10-02-05	Bently Nevada machinery-monitoring component	Open
330101-00-15-15-02-05	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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