Product dashboard

Bently Nevada RS900106-05-30-05-02-00 is a reverse-mount 8 mm eddy-current proximity probe with an M10 x 1 case, 5 mm unthreaded length, 30 mm case length, 0.5 m lead and miniature ClickLoc coaxial connector.

Exact model	Product type	System family	Functional role
RS900106-05-30-05-02-00	3300 XL 8 mm Reverse-Mount Proximity	3300 XL 8 mm Proximity Transducer System	Proximity Probe

PARAMETER	DOCUMENTED VALUE
Complete item marking	RS900106-05-30-05-02-00
Referenced probe code	330106-05-30-05-02-00
Probe family	3300 XL 8 mm
Mounting form	Reverse mount
Case thread	M10 x 1
Unthreaded length	5 mm
Case length	30 mm
Total probe length	0.5 m

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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RS900106-05-30-05-02-00

System overview

Within a matched 3300 XL 8 mm transducer chain, Bently Nevada RS900106-05-30-05-02-00 places the short reverse-mount probe at the machine while the extension cable and Proximitor Sensor complete the measurement path.

Compact reverse-mount positions

Uses the 5 mm tip extension and 30 mm M10 case where the machine geometry requires a short probe body.

Relative shaft vibration

Measures dynamic shaft motion through the matched 3300 XL 8 mm signal chain.

Axial displacement

Tracks static shaft position when the probe gap and target geometry follow the machine design.

Speed or phase reference

Supports Keyphasor or speed service when installed against the configured shaft event.

SYSTEM POSITION	RECORD
Installed identity	RS900106-05-30-05-02-00
Host relationship	3300 XL 8 mm Proximity Transducer System
Controlled function	compact reverse-mount shaft position and vibration sensing

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Technical data map

PARAMETER	VERIFIED VALUE
Complete item marking	RS900106-05-30-05-02-00
Referenced probe code	330106-05-30-05-02-00
Probe family	3300 XL 8 mm
Mounting form	Reverse mount
Case thread	M10 x 1
Unthreaded length	5 mm
Case length	30 mm
Total probe length	0.5 m
Connector	Miniature ClickLoc coaxial connector
Approval option	No agency approval option selected

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	compact reverse-mount shaft position and vibration sensing

Technical evidence record: 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN

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Applications and precautions

1. Confirm the complete RS900106-05-30-05-02-00 marking and the 330106 reverse-mount probe identity.
2. Verify the 5 mm unthreaded length, 30 mm case and M10 x 1 mounting geometry before removal.
3. Match the 0.5 m probe lead with the extension cable and Proximitor Sensor for the complete system length.
4. Protect the miniature ClickLoc connector, probe tip and 75 ohm cable from contamination and strain.
5. Record mounting depth, operating gap, cable route, shield treatment and receiving channel before work.
6. Install without twisting the cable or exceeding the approved thread engagement and bend radius.
7. Set the operating gap against the approved target with the monitoring path in maintenance mode.
8. Verify static gap, dynamic response, alarm path and configured speed or phase reference before release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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RS900106-05-30-05-02-00

Buyer and engineering FAQ

Which probe geometry identifies Bently Nevada RS900106-05-30-05-02-00?

It uses the 330106 reverse-mount geometry with an 8 mm tip and M10 x 1 threaded case.

What are the tip and case lengths of Bently Nevada RS900106-05-30-05-02-00?

The referenced execution has a 5 mm unthreaded length and a 30 mm case length.

What probe lead length applies to Bently Nevada RS900106-05-30-05-02-00?

The referenced 05 total-length option is 0.5 m.

Which connector is used by Bently Nevada RS900106-05-30-05-02-00?

The 02 connector option is a miniature ClickLoc coaxial connector.

Related Apter Power pages

- Bently Nevada 143493-00-080-080-70-00
- Bently Nevada 146054-010-20-02-05
- Bently Nevada 146054-08-05-02-05

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