330709-000-130-10-02-00

3300 XL 11 mm Metric Proximity Probe

The metric probe senses shaft displacement over the 11 mm system range and supplies the eddy-current signal through its integral coaxial lead.

PRODUCT SNAPSHOT

BRAND Bently Nevada	**FAMILY** 3300 XL 11 mm Proximity Transducer System
PART 330709-000-130-10-02-00	**ORIGIN / HS** USA / 8537101190

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PRODUCT OVERVIEW

The metric probe senses shaft displacement over the 11 mm system range and supplies the eddy-current signal through its integral coaxial lead.

1. Provides the documented 3300 XL 11 mm Metric Proximity Probe function
2. Maintains the engineered signal or power path
3. Integrates with the specified host and companion hardware
4. Supports controlled diagnostics and functional verification

SYSTEM COMPONENTS

- Documented host position and companion hardware
- Approved field or control wiring arrangement
- Recorded connector, shield and grounding system
- Configured monitor, controller or protection channel

TECHNICAL NOTE

Install 330709-000-130-10-02-00 only in the documented 3300 XL 11 mm Proximity Transducer System position and preserve the recorded connections. After installation, restore the approved configuration and complete controlled diagnostic and functional checks.

TECHNICAL DATA

PARAMETER	VALUE
Complete catalog number	330709-000-130-10-02-00
Probe construction	Without armor
Mounting thread	M16 x 1.5
Unthreaded length	0 mm
Case length	130 mm
Total probe length	1.0 m
Connector	Miniature coaxial ClickLoc
Probe-cable type	Standard cable

PARAMETER	VALUE
Approval option	Not required
System linear range	4.0 mm
Approximate linear-range limits	0.5 to 4.5 mm
Approximate output span	-1 to -17 V DC
Recommended gap	2.5 mm
Incremental scale factor	3.94 V/mm (100 mV/mil)
Frequency response	0 to 8 kHz

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330106-05-30-05-02-00	3300 XL 8 mm reverse-mount probe	**View 330106-05-30-05-02-00 page**
330130-045-00-00	3300 XL standard extension cable	**View 330130-045-00-00 page**
330130-080-02-05	3300 XL extension cable	**View 330130-080-02-05 page**
330850-50-00	3300 XL NSv Proximitor Sensor	**View 330850-50-00 page**
330171-00-12-50-01-05	3300 XL 5/8 mm proximity probe	**View 330171-00-12-50-01-05 page**
330171-00-12-05-01-05	3300 XL 5/8 mm proximity probe	**View 330171-00-12-05-01-05 page**
330171-00-33-50-01-05	3300 XL 5/8 mm proximity probe	**View 330171-00-33-50-01-05 page**
330171-00-08-10-01-05	3300 XL 5/8 mm proximity probe	**View 330171-00-08-10-01-05 page**

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

3300 XL 11 mm Proximity Transducer System installed-base service

Provides the documented 3300 XL 11 mm Metric Proximity Probe function

3300 XL 11 mm Proximity Transducer System compatibility review

Maintains the engineered signal or power path

3300 XL 11 mm Proximity Transducer System installation planning

Integrates with the specified host and companion hardware

3300 XL 11 mm Proximity Transducer System controlled commissioning

Supports controlled diagnostics and functional verification

PRODUCT PRECAUTIONS

1. Verify the complete 330709-000-130-10-02-00 marking and installed position before work.
2. Place the connected equipment in the approved maintenance state.
3. Isolate applicable power and signal energy before disconnecting wiring.
4. Use ESD controls and protect connectors from contamination or damage.
5. Record as-found cable, terminal, shield and grounding identity.
6. Restore only the approved system configuration for this exact catalog number.
7. Inspect mechanical mounting and cable support before energization.
8. Complete controlled diagnostics and a functional response test before release.

ENGINEER FAQ

Q1 Does 330709-000-130-10-02-00 match Documented host position and companion hardware in a 3300 XL 11 mm Proximity Transducer System installed-base service installation?

Verify the complete 330709-000-130-10-02-00 marking, the documented 3300 XL 11 mm Proximity Transducer System position and the installed Documented host position and companion hardware before fitting the assembly.

Q2 How should 330709-000-130-10-02-00 be wired when it must provides the documented 3300 xl 11 mm metric proximity probe function?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 330709-000-130-10-02-00; then continuity-test the affected path.

Q3 Which 3300 XL 11 mm Proximity Transducer System records should be captured before removing 330709-000-130-10-02-00?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 330709-000-130-10-02-00 before disconnection.

Q4 What controlled test confirms that 330709-000-130-10-02-00 can maintains the engineered signal or power path?

Apply the approved field or simulated stimulus, observe the 3300 XL 11 mm Proximity Transducer System indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which Approved field or control wiring arrangement condition should be checked when 330709-000-130-10-02-00 reports an abnormal state?

Check the Approved field or control wiring arrangement supply, seating and connection first, then compare channel diagnostics with the recorded 330709-000-130-10-02-00 baseline.

Q6 Can 330709-000-130-10-02-00 be moved directly into 3300 XL 11 mm Proximity Transducer System compatibility review without validating Configured monitor, controller or protection channel?

No. Confirm the Configured monitor, controller or protection channel, revision, connection scheme and 3300 XL 11 mm Proximity Transducer System configuration before transferring 330709-000-130-10-02-00 to that duty.

Q7 What maintenance evidence is required after 330709-000-130-10-02-00 is used for 3300 XL 11 mm Proximity Transducer System installation planning?

Retain the nameplate record, corrective action, final diagnostics and a controlled 3300 xl 11 mm proximity transducer system installation planning functional-test result for 330709-000-130-10-02-00.

Q8 How should 330709-000-130-10-02-00 be returned to service in 3300 XL 11 mm Proximity Transducer System controlled commissioning?

Restore power under control, verify integrates with the specified host and companion hardware, exercise the intended signal path and release 330709-000-130-10-02-00 only after the 3300 XL 11 mm Proximity Transducer System remains in its approved operating state.

SOURCE Bently Nevada 3300 XL 11 mm Proximity Transducer System Datasheet | 146256 Rev. P

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