

FIELD GUIDE / CONTROLLED WORK

330104-13-20-50-02-00

Armored Proximity Probe

Bently Nevada 330104-13-20-50-02-00 is an armored M10 x 1 3300 XL 8 mm proximity probe with a 5.0 m standard cable and ClickLoc connector. Its configured metric case is used for non-contacting vibration or position measurement in a matched 5 m Proximitor system.

BEFORE THE MACHINE IS OPENED

IDENTITY

330104-13-20-50-02-00

MOUNTING

130 mm

CABLING

75 ohm triaxial FEP cable, ClickLoc connector and armored route

LOOP

3300 XL 8 mm Proximitor sensor matched to the selected system length

SAFE-WORK BOUNDARY

Place the monitored machine and protection channel in the approved maintenance state.

The complete order code controls case geometry, lead length, connector and approval option. Keep the probe matched to the documented 3300 XL 8 mm Proximitor system and verify gap and monitor response after installation.

Pre-Installation Readiness

Match the physical execution and complete the safe-work record before probe removal.

01 Confirm the 330104-13-20-50-02-00 label, 130 mm unthreaded section and 200 mm case.

02 Place the monitored machine and protection channel in the approved maintenance state.

03 Record the M10 x 1 mounting position, 5.0 m route and mating system components.

04 Inspect the armored lead, tip and miniature ClickLoc joint for damage.

05 Observe the 15 mm maximum M10 x 1 engagement and specified case torque.

06 Keep the standard cable bend radius at or above 25.4 mm.

07 Restore the matching 5 m Proximator and confirm the option-02 connection.

08 Set the documented gap and verify the controlled monitor-channel response.

PRE-WORK ACCEPTANCE

The model marking, mounting geometry, integral cable, mating connector and matched sensor chain must agree with the installed record before replacement proceeds.

Replacement Sequence

3300 XL 8 MM / 330104-13-20-50-02-00

1

Confirm the 330104-13-20-50-02-00 label, 130 mm unthreaded section and 200 mm case.

2

Place the monitored machine and protection channel in the approved maintenance state.

3

Record the M10 x 1 mounting position, 5.0 m route and mating system components.

4

Inspect the armored lead, tip and miniature ClickLoc joint for damage.

5

Observe the 15 mm maximum M10 x 1 engagement and specified case torque.

6

Keep the standard cable bend radius at or above 25.4 mm.

7

Restore the matching 5 m Proximitor and confirm the option-02 connection.

8

Set the documented gap and verify the controlled monitor-channel response.

Commissioning and Acceptance

STAGE	ACTION	EXPECTED EVIDENCE
01 Confirm identity	Confirm the 330104-13-20-50-02-00 label, 130 mm unthreaded section and 200 mm case.	Exact article and installed system recorded.
02 Confirm interfaces	Observe the 15 mm maximum M10 x 1 engagement and specified case torque.	Mount, mating cable and connector match the order code.
03 Restore the loop	Restore the matching 5 m Proximitor and confirm the option-02 connection.	Matched sensor and monitor chain is connected.
04 Prove response	Set the documented gap and verify the controlled monitor-channel response.	Gap output and affected channel respond under control.

IF THE RESPONSE IS NOT ACCEPTABLE

Recheck the exact probe identity, connector seating, cable route, matched Proximitor length and monitor channel. Do not return the machine to service until a controlled functional test passes.

Diagnostics and Handover

Connection check

Keep the standard cable bend radius at or above 25.4 mm.

Final proof

Set the documented gap and verify the controlled monitor-channel response.

RELATED BENTLY NEVADA PRODUCT PAGES

01 Bently Nevada 330101-00-20-05-02-00

02 Bently Nevada 330101-00-16-10-02-00

03 Bently Nevada 330101-00-12-10-02-00

04 Bently Nevada 330101-00-08-10-02-05

05 Bently Nevada 330101-00-08-10-02-00

06 Bently Nevada 330101-00-08-05-02-00

07 Bently Nevada 3500-05-01-02-01-00-01

08 Bently Nevada 330130-070-00-05

09 Bently Nevada 330130-040-03-00

HANDOVER RECORD

Retain the exact model, installed position, matched components, cable and connector condition, gap/response evidence and approved channel configuration.

MANUFACTURER SOURCE RECORD

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN.

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