

Scope, Identity and Isolation

330103-00-09-05-02-00 / 3300 XL 8 mm metric probe

CONTROLLED SERVICE BOUNDARY

Protect the machine and connected monitor before disturbing the installed probe. Record the complete article and confirm its matched 8 mm cable and Proximitor system; a probe-only swap is not a system conversion.

Metric case

M10 x 1 thread; no cable armor

Case option / 09

90 mm overall case

Connector / 02

ClickLoc, standard lead, no protector

Unthreaded option / 00

0 mm

Probe lead / 05

0.5 m integral lead

Approval option / 00

No added agency approval option

PRE-WORK RECORD

Retain the previous channel gap, monitor configuration, target material, connector route and accepted trend. Use site isolation and personnel-protection procedures for the connected machine.

Pre-installation Readiness

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01

MARKING

Record the complete 330103-00-09-05-02-00 marking and the installed 3300 XL 8 mm channel.

02

METRIC RECEIVING THREAD

Confirm the M10 x 1 receiving thread, 90 mm case clearance and unarmored lead.

03

CABLE AND CONNECTOR

Identify the 0.5 m standard lead, ClickLoc joint and matched 330130 extension cable.

04

MATCHED LENGTH

Confirm probe plus extension cable equals the configured 5 or 9 m Proximity system.

05

MACHINE STATE

Place the machine and affected monitor channel in the approved maintenance state.

06

TARGET AND SEAL

Inspect probe tip, target, case thread, cable and connector for damage or contamination.

Hold point: reject mismatched non-8 mm parts, unverified system length or damaged cable sealing.

Installation Sequence

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05 Place the machine and affected monitor channel in the approved maintenance state.

06 Inspect probe tip, target, case thread, cable and connector for damage or contamination.

07 Install the probe using the approved method and the stated case-torque limit.

08 Seat the ClickLoc connector and route the unarmored cable without strain or tight bends.

09 Restore the accepted target gap; check the matched-system response under controlled conditions.

10 Record monitor configuration, diagnostics and shaft-position or vibration test results.

Do not use 33.9 N m as an installation target: it is the maximum case torque. Verify the receiving thread and approved installation method.

Commissioning and Acceptance

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IDENTITY M10 x 1 case, 90 mm overall length, 0.5 m standard lead and ClickLoc joint match.

MECHANICAL The case is secure and M10 thread engagement does not exceed 15 mm.

SYSTEM LENGTH Probe plus extension cable equals the configured 5 or 9 m system.

GAP Target gap and calibration conditions agree with the channel setup.

SIGNAL Controlled position or vibration response is plausible.

RECORD Accepted settings, diagnostics and final readings are retained.

Release only after the matched transducer system and monitoring response pass the controlled test.

Diagnostics and Handover

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Unexpected output

Recheck the 8 mm system length, target gap, extension cable and Proximitor channel before changing monitor settings.

Connector or seal concern

Inspect the ClickLoc joint and unarmored standard cable; restore the approved environmental protection.

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MANUFACTURER SOURCE RECORD

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

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