

# Scope, Identity and Isolation

330103-00-08-10-01-00 / 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; preserve the configured 1 m, 5 m or 9 m loop.

### Metric case

M10 x 1 thread, without armor

### Overall case / 08

80 mm, metric 10 mm increments

### Connector / 01

Protected ClickLoc, standard lead

### Unthreaded length / 00

0 mm

### Integral lead / 10

1.0 m (3.3 ft)

### Approval / 00

No additional 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

330103-00-08-10-01-00 / 3300 XL 8 mm metric probe

01

## MARKING

Record the complete 330103-00-08-10-01-00 marking and installed 8 mm monitoring channel.

02

## METRIC RECEIVING THREAD

Confirm the M10 x 1 receiving thread, 80 mm case clearance and 0 mm unthreaded section.

03

## CABLE AND CONNECTOR

Identify the 1.0 m standard lead, protected ClickLoc connector and matching 8 mm extension cable.

04

## MATCHED LENGTH

Confirm the 1 m probe-only loop or probe plus extension cable equals the configured 5 m or 9 m system.

05

## MACHINE STATE

Place the machine and monitoring channel in the approved maintenance state before disconnecting.

06

## TARGET AND SEAL

Inspect the target surface, probe tip, thread and cable seal; reject damage or contamination.

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

# Installation Sequence

330103-00-08-10-01-00 / 3300 XL 8 mm metric probe

- 05** Place the machine and monitoring channel in the approved maintenance state before disconnecting.
- 06** Inspect the target surface, probe tip, thread and cable seal; reject damage or contamination.
- 07** Install the M10 case using the approved method; 11.2 N m is the recommended forward-mount torque.
- 08** Seat the protected ClickLoc connection and route the standard cable without sharp bends or strain.
- 09** Set and check the matched-system target gap against the approved channel configuration.
- 10** Check monitor configuration and controlled shaft-position or vibration response before release.

Use the specified M10 forward-mount method and 11.2 N m recommended torque. Verify the receiving thread and 15 mm maximum engagement.

# Commissioning and Acceptance

330103-00-08-10-01-00 / 3300 XL 8 mm metric probe

**IDENTITY** M10 x 1, 80 mm case, 1.0 m standard lead and protected ClickLoc match.

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

**SYSTEM LENGTH** A probe-only 1 m or probe-plus-extension 5 m / 9 m loop matches the selected sensor.

**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

330103-00-08-10-01-00 / 3300 XL 8 mm metric probe

## 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 protected ClickLoc joint and standard cable; restore the approved environmental seal.

## RELATED BENTLY NEVADA PRODUCT PAGES

**01** Bently Nevada  
330103-00-11-10-02-05

**02** Bently Nevada  
330130-085-00-05

**03** Bently Nevada  
330905-00-18-05-02-05

**04** Bently Nevada  
330704-000-050-10-02-05

**05** Bently Nevada  
190501-12-00-01

**06** Bently Nevada  
350500-00-00-00-11-00

**07** Bently Nevada  
330881-28-04-85-03-02

**08** Bently Nevada  
330881-28-04-70-03-02

**09** Bently Nevada  
330180-X2-05 MOD:181634-01

**10** Bently Nevada  
330180-X1-05 MOD:145655-09

**11** Bently Nevada  
330180-X1-05 MOD:145004-81

**12** Bently Nevada  
330180-X1-05 MOD:145004-66

## MANUFACTURER SOURCE RECORD

Baker Hughes / Bently Nevada, 3300 XL 8 mm Datasheet 141194 Rev AN, pp. 4-9, 13-14.

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