

Job Scope and Safe Boundary

330730-040-12-00

INSTALLED COMPONENT

Bently Nevada 330730-040-12-00 is a 4.0 m 3300 XL 11 mm extension cable with FluidLoc construction and connector protectors. Pair it with the documented 11 mm probe and Proximator so the probe-plus-extension length matches the sensor's configured system length.

Identity

Confirm exact 330730-040-12-00 marking and the installed 3300 XL 11 mm channel.

Isolation

Place machine and monitoring channel in the approved maintenance state.

Pairing

Confirm the 11 mm probe and 5 m Proximator system matched to this 4 m cable.

Record

Retain cable route, original connector condition, trend and accepted settings.

PRE-WORK EVIDENCE

Document the original 11 mm probe, cable route, matching Proximator length, cable-joint condition and monitored baseline before removal.

HOLD POINT

Do not replace an 8 mm measurement-chain cable with this 11 mm execution or change total system length without verifying the paired sensor.

Pre-installation Readiness

01 MARKING

Record 330730-040-12-00, including 040 length and 12 cable type.

02 CABLE ROUTE

Confirm a 4.0 m path with the specified bend clearance and temperature range.

03 CONNECTORS

Inspect gold-plated ClickLoc interfaces and connector protectors.

04 CABLE BODY

Inspect unarmored FluidLoc cable for cuts, crush marks or fluid escape.

05 COMPANIONS

Confirm the documented 11 mm probe, Proximitor and channel configuration.

06 CONTINUITY

When isolated, check 4 m core and coaxial resistance against published values.

REJECT / RESOLVE

Damaged sheath, missing protectors, wrong total length or failed isolated continuity require correction before reconnection.

Connection and Routing Sequence

01 Isolate the channel and identify the existing probe-side and sensor-side cable joints.

02 Record cable route and connector protectors before disturbing the installed cable.

03 Inspect the replacement 4 m FluidLoc construction and both ClickLoc interfaces.

04 Route without sharp bends, tensile load or contact with unsuitable hot surfaces.

05 Mate both ClickLoc connectors finger-tight; do not exceed 0.565 N m.

06 Fit connector protectors and preserve the approved environmental protection.

07 Restore the 5 m probe-plus-cable configuration at the 11 mm Proximitor channel.

CONNECTOR CAUTION

Avoid silicone tape where the probe-to-extension joint is exposed to turbine oil; use the specified connector protection method.

Commissioning and Acceptance

IDENTITY

Full marking and the selected 040 / 12 options agree with the job record.

LENGTH

Probe plus cable equals the Proximator's 5 m configured system length.

ELECTRICAL

Isolated cable continuity was accepted before mating.

CONNECTIONS

Both ClickLoc joints are seated and protected without strain.

CHANNEL

Controlled energization produces plausible gap and monitor response.

HANDOVER

Retain final diagnostics, configuration and acceptance readings.

RELEASE RULE

Release only when the complete 11 mm measurement chain and controlled monitor response are accepted.

Diagnostics and Handover

Open or unstable indication

Isolate and check connector seating, cable continuity, routing and correct system length before changing channel settings.

Fluid or seal concern

Inspect the FluidLoc cable and both protected connector joints; restore the approved environmental protection.

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05 Bently Nevada 330780-51-CN

06 Bently Nevada 330780-90-CN

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08 Bently Nevada 330780-50-CN

FINAL RECORD

Retain exact article, paired probe and Proximitor, measured cable continuity, cable route, connector condition and controlled channel result.

MANUFACTURER SOURCE RECORD

Baker Hughes / Bently Nevada, 3300 XL 11 mm Proximity Transducer System Datasheet, 146256 Rev. T.

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