Bently Nevada 330130-040-02-00 is a 4 m standard 3300 XL extension cable supplied with connector protectors and without an agency-approval option. It completes a five-metre electrical chain with a one-metre 3300 XL 8 mm probe.

Exact identity

330130	3300 XL standard extension cable
040	4.0 m cable length
02	Standard cable with connector protector
00	Agency approval not required
Selected chain	1 m probe + 4 m extension = 5 m system

Installed context

Exact item	Installed context	Acceptance
330130-040-02-00	Mating component or rack position	Machine-specific functional check

Five-metre proximity channels

Join a one-metre XL 8 mm probe to the matching conditioner.

Protected service junctions

Use the supplied protectors where the probe and sensor connections require environmental protection.

Bearing vibration measurements

Carry the sensing signal for relative shaft-motion monitoring.

Cable continuity service

Check core and jacket paths separately before reconnecting the system.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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330130-040-02-00

Manufacturer-supported characteristics

Cable Family	3300 XL standard extension cable
Selected Electrical Length	040 = 4.0 m
Cable Execution	02 = standard cable with connector protector
Connector Protector	Included by option 02
Agency Approval Option	00 = not required
Probe Pairing for This Cable	1 m probe + 4 m extension = 5 m system

Additional data

Nominal Center-Conductor Resistance	1.0 +/- 0.2 ohm; 4 m extension
Nominal Outer-Conductor Resistance	0.26 +/- 0.05 ohm; 4 m extension
Cable Capacitance	69.9 pF/m typical
Minimum Cable Bend Radius	25.4 mm
Cable Impedance	75 ohm triaxial
Cable Insulation	Fluorinated ethylene propylene (FEP)

Interpretation boundary

The final 00 does not add an agency approval. Check both connector protectors and use a one-metre probe with the matching five-metre Proximitor.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

Related Bently Nevada models

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330130-040-02-00

01 / Field precaution

Confirm that a 1 m probe plus this 4 m extension equals the five-metre conditioner selection.

02 / Field precaution

Keep the 25.4 mm minimum bend radius and support the unarmored route.

03 / Field precaution

Install both connector protectors without trapping contamination inside the junction.

04 / Field precaution

Join the gold ClickLoc connectors finger tight and electrically insulate the connections from ground.

05 / Field precaution

Disconnect the cable before separate core and jacket resistance measurements.

06 / Field precaution

Do not count monitor field wiring as part of the probe-plus-extension electrical length.

07 / Field precaution

Apply cable and conditioner temperature limits at their respective installed locations.

08 / Field precaution

Complete a static gap and dynamic channel check after reconnection.

Acceptance checkpoints

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

Related Bently Nevada models

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Which probe length completes 330130-040-02-00?

A 1 m probe plus this 4 m extension makes the required 5 m electrical chain.

What does cable option 02 add to 330130-040-02-00?

It selects standard cable with connector protectors; it does not add stainless-steel armor.

Which resistance paths are checked on 330130-040-02-00?

Check center-to-center core continuity separately from outer-conductor continuity while the cable is disconnected.

Can spare cable be coiled tightly when routing 330130-040-02-00?

No. Maintain at least the specified 25.4 mm bend radius and avoid crushing or persistent strain.

Does 330130-040-02-00 replace the three-conductor monitor field wire?

No. It is the coaxial extension within the transducer chain; field wiring from the Proximitor to the monitor is a separate circuit.

What approval is selected by 330130-040-02-00?

The last 00 means agency approval is not required for this order code.

Why must both protectors on 330130-040-02-00 be inspected?

The probe-to-extension and extension-to-Proximitor junctions both depend on clean, protected ClickLoc connections.

What completes commissioning after fitting 330130-040-02-00?

Verify the complete five-metre identity, static gap, signal continuity and expected dynamic response at the monitor.

Related Bently Nevada models

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN
Exact identifier	330130-040-02-00
Evidence boundary	Only directly supported family and ordering statements are used

Related Bently Nevada models

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Recommendation rule

Brand + model links identify related Bently Nevada pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

Manufacturer evidence

141194 Rev. AN: extension electrical data pp. 4-5; materials and routing pp. 7-9; exact 040/02/00 ordering selections pp. 18-19.

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