01 INSTALLATION & COMMISSIONING

Bently Nevada 330730-080-00-00

01 / PLAN AND IDENTIFY

Bently Nevada 330730-080-00-00 is an 8 m standard extension cable for the 3300 XL 11 mm proximity system. It has no armor, no included connector protector and no selected agency approval, and completes a 9 m chain with a 1 m probe.

Identity gate

330730	3300 XL 11 mm extension cable
080	8.0 m cable length
00	Standard cable
00	Agency approval not required
Selected chain	1 m probe + 8 m extension = 9 m system

Work boundary

Exact item	Installed context	Acceptance
330730-080-00-00	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

Capture the complete identifier, installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

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.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com

330730-080-00-00

02 / PRE-INSTALLATION

Readiness gate

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

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

146256 Rev. T: 11 mm system role pp. 1-2; electrical, range and scale data pp. 3-4; routing and environmental limits pp. 5-7; exact 080/00/00 ordering selection p. 13; cable geometry p. 24.

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.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com

03 / INSTALL AND CONNECT

04 / Installation check

Pair the 8 m extension with a 1 m 11 mm probe and a 9 m Proximitor.

05 / Installation check

Support the unarmored route and maintain at least the 25.4 mm bend radius.

06 / Installation check

Provide separate protection for both coaxial junctions because option 00 includes no protectors.

07 / Installation check

Keep connectors clean, electrically insulated and finger tight.

08 / Installation check

Disconnect the cable before measuring core and jacket resistance paths.

Documented data to respect

Cable Family	3300 XL 11 mm extension cable
Cable Length	8.0 m
Cable Option	Standard cable
Armor	Not selected
Connector Protector	Not included
Agency Approval	Not required

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.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com

04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The extension sets the electrical length between the 11 mm probe and Proximitor. Its unarmored standard construction needs supported routing and separately selected environmental protection for both coaxial junctions.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

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

What resistance values can be checked on 330730-080-00-00?

The 8 m cable has a 2.0 +/-0.5 ohm core path and a 0.6 +/-0.2 ohm outer-conductor path.

Which scale factor belongs to the matched system using 330730-080-00-00?

The 11 mm system uses 3.94 V/mm (100 mV/mil) under the stated operating conditions.

Can 330730-080-00-00 be used in a five-metre channel?

No. Its eight-metre length is intended for the nine-metre system with a one-metre probe.

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.

Connect with ApterPower
Phone: +86 180 3023 5313
Email: sales13@apterpower.com
www.apterpower.com

05 / HANDOVER

What target basis should be retained with 330730-080-00-00?

The matched-system data uses an AISI 4140 steel target at least 31 mm in diameter.

What finishes acceptance after installing 330730-080-00-00?

Record the full component chain, continuity checks, static gap and the expected monitor response.

Handover record

Identity	Exact model and installed location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

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.

Manufacturer evidence

146256 Rev. T: 11 mm system role pp. 1-2; electrical, range and scale data pp. 3-4; routing and environmental limits pp. 5-7; exact 080/00/00 ordering selection p. 13; cable geometry p. 24.

Connect with ApterPower

Phone: +86 180 3023 5313

Email: sales13@apterpower.com

www.apterpower.com