

INDUSTRIAL AUTOMATION PRODUCT

330730-040-00-00

3300 XL 11 mm standard extension cable

It completes a five-metre 3300 XL 11 mm transducer loop when combined with the matched one-metre probe and Proximitior Sensor.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 11 mm Proximity Transducer System
Part number	330730-040-00-00
Country	USA
HS code	8537101190

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2

Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
Part number	330730-040-00-00
Cable length	4.0 m (13.1 ft)
Cable construction	Standard cable
Agency approval option	00
Cable impedance	75 ohm triaxial
Cable insulation	FEP
Core resistance	1.0 +/- 0.25 ohm
Jacket resistance	0.3 +/- 0.1 ohm
Capacitance	69.9 pF/m typical
Minimum bend radius	25.4 mm (1.0 in)
Maximum connector torque	0.565 N m (5 in lbf)

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3300 XL 11 mm probe
Companion hardware	five-metre 3300 XL 11 mm Proximito Sensor
Field connection	ClickLoc connector pair
Primary system function	Provides four metres of system cable length
Controlled acceptance duty	Radial shaft-vibration loops

3

System Role and Architecture

It completes a five-metre 3300 XL 11 mm transducer loop when combined with the matched one-metre probe and Proximitor Sensor.

FUNCTION 1

Provides four metres of system cable length

FUNCTION 2

Uses standard FEP-insulated triaxial construction

FUNCTION 3

Carries the eddy-current probe signal through ClickLoc connectors

FUNCTION 4

Preserves the calibrated 11 mm system-length relationship

Matched system components

- 3300 XL 11 mm probe
- five-metre 3300 XL 11 mm Proximitor Sensor
- ClickLoc connector pair
- compatible Bently Nevada monitor channel

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3300 XL 11 mm probe
Companion hardware	five-metre 3300 XL 11 mm Proximitor Sensor
Field connection	ClickLoc connector pair
Primary system function	Provides four metres of system cable length
Controlled acceptance duty	Radial shaft-vibration loops

4

Applications and Engineering Context

Radial shaft-vibration loops

Provides four metres of system cable length

Axial position monitoring

Uses standard FEP-insulated triaxial construction

Differential-expansion measurement

Carries the eddy-current probe signal through ClickLoc connectors

Steam-turbine proximity-system renewal

Preserves the calibrated 11 mm system-length relationship

TECHNICAL NOTE

Confirm that probe length plus 330730-040-00-00 equals the Proximitor Sensor system length, keep both ClickLoc interfaces clean and finger-tight, and support the cable above the minimum bend radius before loop verification.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330730-040-00-00 / 330730-040-00-00 recorded
Physical interface	3300 XL 11 mm probe
Companion check	five-metre 3300 XL 11 mm Proximitor Sensor
Functional proof	Provides four metres of system cable length
Application test	Radial shaft-vibration loops

5

Engineering Precautions

1

Verify the complete 330730-040-00-00 marking and its documented 3300 XL 11 mm Proximity Transducer System position before field work.

2

Place the monitored machine and associated protection channel in the approved maintenance state before disconnecting 3300 XL 11 mm standard extension cable.

3

Protect every exposed connector and cable end from oil, moisture, dirt and impact while 330730-040-00-00 is open.

4

Record probe, extension-cable and Proximitior Sensor identities so the calibrated system length is preserved.

5

Route 330730-040-00-00 without sharp bends, crushing, abrasion or tensile loading at either coaxial termination.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330104-01-05-10-02-00	Related Bently Nevada product	View 330104-01-05-10-02-00 page
330101-20-36-10-02-00	Related Bently Nevada product	View 330101-20-36-10-02-00 page
330709-000-130-10-02-00	Related Bently Nevada product	View 330709-000-130-10-02-00 page
330354-040-24-05	Related Bently Nevada product	View 330354-040-24-05 page
3500-15-129486-01	Related Bently Nevada product	View 3500-15-129486-01 page
330103-00-06-10-02-CN	Related Bently Nevada product	View 330103-00-06-10-02-CN page
330101-30-63-15-02-CN	Related Bently Nevada product	View 330101-30-63-15-02-CN page
26363-30	Related Bently Nevada product	View 26363-30 page

MANUFACTURER SOURCE RECORD

3300 XL 11 mm Proximity Transducer System Datasheet

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