

INDUSTRIAL AUTOMATION PRODUCT

330130-080-12-05

3300 XL 8 mm FluidLoc extension cable with connector protector

It extends a 3300 XL 8 mm eddy-current proximity loop while limiting fluid migration through the cable interior.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 8 mm Proximity Transducer System
Part number	330130-080-12-05
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



2

Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Part number	330130-080-12-05
Cable length	8.0 m (26.2 ft)
Cable type	FluidLoc
Connector protection	Connector protector
Agency approval option	Multiple approvals
Cable impedance	75 ohm triaxial
Cable insulation	FEP
Core resistance	1.76 +/- 0.26 ohm
Jacket resistance	0.53 +/- 0.11 ohm
Capacitance	69.9 pF/m typical
Minimum bend radius	25.4 mm (1.0 in)

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3300 XL 8 mm probe
Companion hardware	matched 3300 XL Proximitor Sensor
Field connection	ClickLoc coaxial connectors
Primary system function	Provides eight metres of extension length
Controlled acceptance duty	Oil-film bearing vibration monitoring

3

System Role and Architecture

It extends a 3300 XL 8 mm eddy-current proximity loop while limiting fluid migration through the cable interior.

FUNCTION 1

Provides eight metres of extension length

FUNCTION 2

Uses FluidLoc cable construction

FUNCTION 3

Includes probe-side connector protection

FUNCTION 4

Supports a matched 3300 XL 8 mm system with multiple approvals

Matched system components

- 3300 XL 8 mm probe
- matched 3300 XL Proximitior Sensor
- ClickLoc coaxial connectors
- compatible vibration or position monitor

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3300 XL 8 mm probe
Companion hardware	matched 3300 XL Proximitior Sensor
Field connection	ClickLoc coaxial connectors
Primary system function	Provides eight metres of extension length
Controlled acceptance duty	Oil-film bearing vibration monitoring

4

Applications and Engineering Context

Oil-film bearing vibration monitoring

Provides eight metres of extension length

Axial thrust-position loops

Uses FluidLoc cable construction

Keyphasor phase-reference service

Includes probe-side connector protection

Turbomachinery proximity-loop replacement

Supports a matched 3300 XL 8 mm system with multiple approvals

TECHNICAL NOTE

Verify the required total system length before connecting 330130-080-12-05, keep the protected ClickLoc joint free of oil and contamination, and route the FluidLoc cable without crushing, kinking or tensile load.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330130-080-12-05 / 330130-080-12-05 recorded
Physical interface	3300 XL 8 mm probe
Companion check	matched 3300 XL Proximitor Sensor
Functional proof	Provides eight metres of extension length
Application test	Oil-film bearing vibration monitoring

5

Engineering Precautions

1

Verify the complete 330130-080-12-05 marking and its documented 3300 XL 8 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 8 mm FluidLoc extension cable with connector protector.

3

Protect every exposed connector and cable end from oil, moisture, dirt and impact while 330130-080-12-05 is open.

4

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

5

Route 330130-080-12-05 without sharp bends, crushing, abrasion or tensile loading at either coaxial termination.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330101-37-57-10-02-05	Related Bently Nevada product	View 330101-37-57-10-02-05 page
24765-01-00	Related Bently Nevada product	View 24765-01-00 page
147364-01	Related Bently Nevada product	View 147364-01 page
149844-01	Related Bently Nevada product	View 149844-01 page
TK-3E-177313-02-01	Related Bently Nevada product	View TK-3E-177313-02-01 page
330500-04-00	Related Bently Nevada product	View 330500-04-00 page
330102-00-40-05-01-05	Related Bently Nevada product	View 330102-00-40-05-01-05 page
330500-00-02	Related Bently Nevada product	View 330500-00-02 page

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet

141194 Rev. AM

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

