

INDUSTRIAL AUTOMATION PRODUCT

330130-080-02-05

3300 XL 8 mm Extension Cable

Bently Nevada 330130-080-02-05 is an 8.0 m 3300 XL extension cable with a connector protector. It completes the matched cable length between an 8 mm probe and Proximitior Sensor.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 8 mm Proximity Transducer System
Part number	330130-080-02-05
Country	USA
HS code	8537101190

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Cable length	8.0 m
Cable execution	Standard FEP
Connector protector	Included
Agency approvals	CSA, ATEX and IECEx
Cable impedance	75 Ohm triaxial
Minimum bend radius	25.4 mm

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3300 XL 8 mm proximity probe
Companion hardware	330180 Proximitator Sensor
Field connection	ClickLoc connectors
Primary system function	Extends the 3300 XL 8 mm probe connection
Controlled acceptance duty	Remote Proximitator cabinet connection

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System Role and Architecture

Bently Nevada 330130-080-02-05 is an 8.0 m 3300 XL extension cable with a connector protector. It completes the matched cable length between an 8 mm probe and Proximitor Sensor.

FUNCTION 1

Extends the 3300 XL 8 mm probe connection

FUNCTION 2

Completes the selected Proximitor system length

FUNCTION 3

Carries the eddy-current signal through a triaxial cable

FUNCTION 4

Protects the field connector during industrial installation

Matched system components

- 3300 XL 8 mm proximity probe
- 330180 Proximitor Sensor
- ClickLoc connectors
- approved cable supports

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3300 XL 8 mm proximity probe
Companion hardware	330180 Proximitor Sensor
Field connection	ClickLoc connectors
Primary system function	Extends the 3300 XL 8 mm probe connection
Controlled acceptance duty	Remote Proximitor cabinet connection

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Applications and Engineering Context

Remote Proximator cabinet connection

Extends the 3300 XL 8 mm probe connection

Turbine bearing probe extension

Completes the selected Proximator system length

Compressor proximity-signal routing

Carries the eddy-current signal through a triaxial cable

Hazardous-area matched cable system

Protects the field connector during industrial installation

TECHNICAL NOTE

Confirm probe length plus 8.0 m extension equals the Proximator system length, maintain the 25.4 mm bend radius, and verify connector cleanliness, continuity, gap voltage, and response.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330130-080-02-05 / 330130-080-02-05 recorded
Physical interface	3300 XL 8 mm proximity probe
Companion check	330180 Proximator Sensor
Functional proof	Extends the 3300 XL 8 mm probe connection
Application test	Remote Proximator cabinet connection

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Engineering Precautions

- 1
- Verify 330130-080-02-05 and the 8.0 m tag before installation.
- 2
- Isolate the associated monitor input.
- 3
- Inspect cable jacket, connector protector, and contacts.
- 4
- Do not pull or twist the cable by its ClickLoc connector.
- 5
- Maintain the published bend radius across the complete route.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330171-00-12-05-01-05	3300 XL proximity probe	Open product page
200150-09-CN	General-purpose accelerometer	Open product page

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
141194 Rev. AM

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