

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 Proximity Sensor.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3300 XL 8 mm Proximity Transducer System

PART

330130-080-02-05

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PRODUCT OVERVIEW

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.

1

Extends the 3300 XL 8 mm probe connection

2

Completes the selected Proximitor system length

3

Carries the eddy-current signal through a triaxial cable

4

Protects the field connector during industrial installation

SYSTEM COMPONENTS

3300 XL 8 mm proximity probe

330180 Proximitor Sensor

ClickLoc connectors

approved cable supports

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

TECHNICAL DATA

PARAMETER	VALUE
Cable length	8.0 m
Cable execution	Standard FEP
Connector protector	Included

PARAMETER	VALUE
Agency approvals	CSA, ATEX and IECEx
Cable impedance	75 Ohm triaxial
Minimum bend radius	25.4 mm

SYSTEM CONNECTION AND ACCEPTANCE RECORD

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

TECHNICAL NOTE

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

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
- 6 Match probe plus extension to the Proximator system length.
- 7 Keep both connectors clean, dry, and mechanically unloaded.
- 8 Verify continuity, gap voltage, and dynamic response after reconnection.

ENGINEER FAQ

Q1 How should the field connections for 330130-080-02-05 be recorded before replacement?

Record terminal or connector identity, polarity, shield, cable tag, channel assignment, and the as-found diagnostic state before disconnecting 330130-080-02-05.

Q2 What isolation is required before installing 330130-080-02-05?

Place remote proximator cabinet connection in the approved maintenance state, isolate every applicable power, signal, and stored-energy source, and prove the work area safe.

Q3 Which configuration check is essential when commissioning 330130-080-02-05?

Restore only the approved model-specific channel, range, address, scale, or interface settings and compare them with the physical installation before enabling the process function.

Q4 How can an engineer function-test 330130-080-02-05 after installation?

Apply a controlled input, reference, or limited output appropriate to 3300 xl 8 mm extension cable, observe the system indication and diagnostics, and confirm the intended process response.

Q5 What should be checked if 330130-080-02-05 reports an unstable or incorrect value?

Check seating, supply, grounding, shielding, matched components, mechanical installation, and the signal path before changing configuration or replacing additional hardware.

Q6 Can 330130-080-02-05 be replaced by a visually similar model without review?

No. Verify the complete part number, electrical execution, connector arrangement, companion hardware, and approved software or rack configuration.

Q7 What commissioning evidence should be retained for 330130-080-02-05?

Retain the full 330130-080-02-05 identity, as-left wiring and settings, measured functional-test results, final diagnostics, and authorization to return the affected equipment to service.

Q8 Which installed hardware must be matched before fitting 330130-080-02-05?

Match the complete 330130-080-02-05 marking to 3300 XL 8 mm proximity probe and 330180 Proximator Sensor, then confirm the assigned 3300 XL 8 mm Proximity Transducer System position and approved system configuration.