

APTER POWER PRODUCT TECHNICAL REFERENCE

330130-085-10-00

3300 XL Standard Extension Cable

This is a 3300 XL standard extension cable configured with an 8.5 m cable length and a FluidLoc cable option.

It carries the proximity signal between the probe and Proximitor Sensor, allowing the complete transducer-system length to be arranged around the machinery installation.

Document field	Value
Manufacturer	Bently Nevada
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

330130-085-10-00

1. Product Overview and Identity

This is a 3300 XL standard extension cable configured with an 8.5 m cable length and a FluidLoc cable option.

It carries the proximity signal between the probe and Proximitor Sensor, allowing the complete transducer-system length to be arranged around the machinery installation.

Model Configuration

Field	Verified value
Complete model	330130-085-10-00
Manufacturer	Bently Nevada
Product description	3300 XL Standard Extension Cable

Key Features

- Exact product identifier: 330130-085-10-00
- The extension-cable length and probe length are selected so their sum equals the Proximitor Sensor total system length.
- It is used in vibration and position monitoring installations where the sensor is mounted away from the probe location in a panel or enclosure.
- Calculate probe length plus 8.5 m cable length against the selected Proximitor Sensor system length.

2. Technical Specifications

Technical data for 330130-085-10-00 is organized below for engineering review and configuration control.

Parameter	Technical value
Cable length	8.5 m
Cable option	FluidLoc
Agency approval option	Not required
System family	3300 XL 8 mm
Connection role	Probe to Proximitor

Configuration Control

Calculate probe length plus 8.5 m cable length against the selected Proximitor Sensor system length.

3. Functions, Applications and Components

Core Function

330130-085-10-00 carries the high-frequency probe signal between the proximity probe and Proximitor Sensor. Cable construction and total electrical length are part of the calibrated transducer system.

Application Areas

Application	System role
Radial vibration	330130-085-10-00 supports shaft-motion measurement in the matched proximity loop.
Axial position	The transducer chain can track static movement relative to the probe tip.
Rotating equipment	Typical measurement points occur on turbines, compressors, pumps and motors.
Machinery protection	The conditioned signal is connected to the configured monitor channel.

Compatible Components

- Compatible proximity probe
- Matching Proximitor Sensor
- Gold-plated coaxial connector interfaces
- Environmental connector protection selected for the installation

4. Installation Precautions

- Verify 330130-085-10-00 cable length before routing.
- Add probe lead length and extension length to confirm the sensor total.
- Maintain cable bend radius and protect the coaxial connector faces.
- Secure the route away from sharp edges and hot surfaces.

Engineering FAQ - Questions 1 to 4

What engineering function does 330130-085-10-00 perform in its monitoring loop?

330130-085-10-00 carries the high-frequency probe signal between the proximity probe and Proximitor Sensor. Cable construction and total electrical length are part of the calibrated transducer system.

Which cable length applies to 330130-085-10-00?

The configured cable length for 330130-085-10-00 is 8.5 m.

What cable option must be checked when specifying 330130-085-10-00?

Use FluidLoc for the cable option when reviewing this complete model.

How does the agency approval option selection affect 330130-085-10-00?

This configuration identifies agency approval option as Not required; include that value in the installation record.

Manufacturer Technical Source

3300 XL 8 mm Proximity Transducer System Datasheet 141194