

APTER POWER PRODUCT TECHNICAL REFERENCE

330881-16-10-100-03-02

PROXPAC XL Proximity Transducer Assembly

This is a PROXPAC XL proximity transducer assembly that combines a 3300 XL Proximitor Sensor with a protected probe housing in one compact field assembly.

It converts the eddy-current probe response into a machinery-monitoring signal for shaft position and vibration duties while protecting the sensor connection in severe service locations.

Document field	Value
Manufacturer	Bently Nevada
Prepared by	Apter Power
Document ID	AP-BN-01-330881-16-10-100-03-02-TR-R2
Revision	R2
Issue date	2026-08-31

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

- WHATSAPP / PHONE

+86 180 3023 5313
- EMAIL

sales13@apterpower.com
- WEBSITE

www.apterpower.com



SCAN FOR PRODUCT & QUOTE

330881-16-10-100-03-02

1. Product Overview and Identity

This is a PROXPAC XL proximity transducer assembly that combines a 3300 XL Proximitor Sensor with a protected probe housing in one compact field assembly.

It converts the eddy-current probe response into a machinery-monitoring signal for shaft position and vibration duties while protecting the sensor connection in severe service locations.

Model Configuration

Field	Verified value
Complete model	330881-16-10-100-03-02
Manufacturer	Bently Nevada
Product description	PROXPAC XL Proximity Transducer Assembly

Key Features

- Exact product identifier: 330881-16-10-100-03-02
- The assembly brings the sensor and housing together; the selected configuration includes a 3300 XL 8 mm probe, a 100 mm standoff adapter, a 100 mm penetration dimension, one M20 fitting, two plugs and a 3/4-14 NPT outer sleeve.
- It is applied around rotating equipment where a protected, self-contained proximity measurement installation is preferred, including turbine, compressor and pump train monitoring points.
- Verify the sleeve interface and available housing depth before positioning the probe tip relative to the target.

2. Technical Specifications

Technical data for 330881-16-10-100-03-02 is organized below for engineering review and configuration control.

Parameter	Technical value
Probe family	3300 XL 8 mm
Standoff adapter	100 mm
Probe penetration	100 mm
Fittings	1 x M20; 2 plugs
Outer sleeve	3/4-14 NPT

Configuration Control

Verify the sleeve interface and available housing depth before positioning the probe tip relative to the target.

3. Functions, Applications and Components

Core Function

330881-16-10-100-03-02 provides a protected mechanical path for positioning the proximity sensing assembly at the rotating-machine measurement point. Its configuration controls probe support, penetration and cable enclosure.

Application Areas

Application	System role
Radial vibration	330881-16-10-100-03-02 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

- Configured proximity probe
- Specified sleeve or housing interface
- Conduit fitting and plug arrangement
- Machine casing or bracket prepared for the assembly

4. Installation Precautions

- Confirm the complete 330881-16-10-100-03-02 housing configuration.
- Measure available depth from the mounting face to the target.
- Assemble fittings and plugs in the specified orientation.
- Set probe penetration before final gap adjustment.

Engineering FAQ - Questions 1 to 4

What engineering function does 330881-16-10-100-03-02 perform in its monitoring loop?

330881-16-10-100-03-02 provides a protected mechanical path for positioning the proximity sensing assembly at the rotating-machine measurement point. Its configuration controls probe support, penetration and cable enclosure.

Which probe family applies to 330881-16-10-100-03-02?

The configured probe family for 330881-16-10-100-03-02 is 3300 XL 8 mm.

What standoff adapter must be checked when specifying 330881-16-10-100-03-02?

Use 100 mm for the standoff adapter when reviewing this complete model.

How does the probe penetration selection affect 330881-16-10-100-03-02?

This configuration identifies probe penetration as 100 mm; include that value in the installation record.

Manufacturer Technical Source

PROXPAC XL Proximity Transducer Assembly Datasheet 178554