

Exact Configuration and Housing Facts

Bently Nevada 31000-16-10-00-030-02-02

Bently Nevada 31000-16-10-00-030-02-02 is a 31000 external probe housing ordered with a standard 3300 XL 8 mm probe and a 1.0 m probe cable. Its selected fittings and 3/4-14 NPT mounting support accessible probe installation in a matched proximity-monitoring system.

Ordering Configuration

FIELD	PUBLISHED SELECTION
A16 probe	Standard 3300 XL 8 mm probe
B10 cable	1.0 m (39 in) probe cable
C00 standoff	No standoff adapter
D030 penetration	Manufacturer-coded adjustable probe penetration
E02 fittings	Two 3/4-14 NPT fittings and one plug
F02 mounting	3/4-14 NPT outer-sleeve mounting thread

Material and protection

Conductive glass-reinforced PPS housing, stainless-steel sleeve hardware and published Type 4X/IP66 environmental protection. The housing is neither explosion-proof nor pressure rated.

Applications, Precautions and Evidence

Application Roles

APPLICATION	CONTROLLED USE
Radial vibration	External housing position for a matched shaft-vibration monitoring chain.
Shaft position	Non-contact 3300 XL 8 mm probe placement where the approved monitoring setup supports it.
External gap service	Housing access for gap adjustment or probe replacement without opening the machine case.
Protected conduit transition	The ordered fittings route the probe cable into the installed conduit system.

Installation Precautions

IDENTITY AND MECHANICS	CONNECTION AND RELEASE
Confirm the full 31000-16-10-00-030-02-02 marking and standard 8 mm probe selection.	Use the selected two-fittings/one-plug arrangement with the compatible conduit.
Match the 3/4-14 NPT outer-sleeve connection to the approved machine case.	Do not treat the PPS enclosure as explosion-proof or pressure retaining.
Retain the no-standoff and D030 penetration configuration; do not infer interchangeability from appearance.	Verify installed area approvals and barriers separately where the application requires them.
Protect the 1.0 m probe cable and connector along the complete route.	Set and record the static probe gap and monitored output using the matched 3300 XL system procedure.

Manufacturer source

Bently Nevada datasheet 141610 Rev. R, pages 1-6; exact ordering code verified.