

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 31000-30-05-15-049-01-02

PPS Proximity Probe Housing

PROBE	STANDOFF	PENETRATION	MOUNT
8 mm	1.5 in	4.9 in	3/4-14 NPT

Bently Nevada 31000-30-05-15-049-01-02 is an English-thread proximity probe housing assembly with a reinforced PPS body. Its configuration includes a protected-connector 3300 XL 8 mm probe, a 0.5 m cable, a 1.5-inch standoff adapter and 4.9-inch nominal probe penetration.

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VERIFIED PRODUCT IDENTITY

Installed probe configuration	3300 XL 8 mm; protector; multiple-approval option
Probe cable length	0.5 m
Standoff adapter length	1.5 in (38.1 mm)
Nominal probe penetration	4.9 in (124.46 mm)
Conduit hardware	One 3/4-14 NPT fitting and two plugs
Machine mounting thread	3/4-14 NPT
Housing material	Glass-reinforced conductive PPS
Sleeve and retaining chain	AISI 304 stainless steel

Official basis: Datasheet 141610 Rev. R. Exact configuration and operating limits must be checked together.

02 TECHNICAL DATA

Housing O-ring material	Neoprene
Retaining-nut torque	29.4 N m
Environmental enclosure rating	Type 4X and IP66; not explosion-proof
Housing pressure boundary	Not designed for internal or external pressure

03 OFFICIAL APPLICATIONS

- Bearing-relative vibration monitoring through the machine case
- Externally accessible phase-reference pickups on rotating machinery
- Protected probe installations in approved hazardous-area monitoring loops

Applicable family use cases, not evidence that this complete order code was installed in a named project.

04 OFFICIAL DOCUMENTATION

Datasheet 141610 Rev. R

141610 Rev. R: pp.1-4 application, safety and construction; pp.5-6 English ordering; pp.15-16 drawings; p.17 copyright.

This summary does not assign unverified packaging data, hardware revisions or a direct replacement.

AMIKON PRODUCT SUPPORT

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