

31000 AND 32000 PROXIMITY PROBE HOUSINGS

Product Data Sheet

31000-16-10-00-030-02-02

Radial proximity probe housing

INSTALLED PROBE CONFIGURATION	PROBE LEAD LENGTH	CONDUIT FITTINGS	MOUNTING THREAD
3300 XL 8 mm	1.0 m	Two 3/4-14 NPT fittings and one plug	3/4-14 NPT

Bently Nevada 31000-16-10-00-030-02-02 is a radial proximity probe housing assembly with an installed 3300 XL 8 mm probe configuration. The conductive PPS housing and stainless-steel sleeve provide external access for probe adjustment and replacement in compatible machinery-monitoring installations.

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VERIFIED TECHNICAL DATA

Installed probe configuration	3300 XL 8 mm
Probe lead length	1.0 m
Conduit fittings	Two 3/4-14 NPT fittings and one plug
Mounting thread	3/4-14 NPT
Housing material	Glass-reinforced conductive PPS thermoplastic
Sleeve and retaining chain	AISI 304 stainless steel
Outer sleeve and exterior screws	AISI 303 stainless steel
Housing O-ring material	Neoprene
Retaining nut torque	29.4 N m
Protection rating	Type 4X and IP66

ADDITIONAL PRODUCT DATA

Housing static load test	912 N applied 38 mm from the unsupported end
Ambient housing impact test	7 J
Installed probe operating temperature	-51 to +177 deg C
Hole plug nut torque	0.5 N m
Measurement orientation	Radial vibration or Keyphasor measurement

DOCUMENTED USE SETTINGS

Thermal Electricity and Combined Cycle Energy Industries: Thermal Power Generation.

Hydroelectric Energy and Pumped Storage Industry Sectors: Conventional Hydroelectric Energy.

Upstream Petroleum and Natural Gas Industry Sectors: Offshore Oil and Gas.

SYSTEM COMPATIBILITY

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OFFICIAL SOURCE

Bently Nevada 141610 Rev. R; pp. 1-6 and 15-16

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