31000 AND 32000 PROXIMITY PROBE HOUSING ASSEMBLIES

Product Data Sheet

31000-28-10-00-165-01-02

Radial proximity probe housing assembly

INSTALLED PROBE CONFIGURATION	PROBE LEAD LENGTH	PROBE PENETRATION	STANDOFF ADAPTER LENGTH
3300 XL 8 mm; multiple approvals	**1.0 m**	**16.5 in (419.1 mm)**	**0 in; no adapter**

Bently Nevada 31000-28-10-00-165-01-02 is a 31000 proximity-probe housing assembly for externally accessible radial vibration or Keyphasor measurements. It belongs to the 31000 and 32000 range and includes a 3300 XL 8 mm probe with the multiple-approval configuration.

01 VERIFIED TECHNICAL DATA

Installed probe configuration	3300 XL 8 mm; multiple approvals
Probe lead length	1.0 m
Probe penetration	16.5 in (419.1 mm)
Standoff adapter length	0 in; no adapter
Conduit fittings	1 x 3/4-14 NPT fitting; 2 plugs
Mounting thread	3/4-14 NPT
Housing material	Glass-reinforced conductive PPS
Sleeve and retaining chain material	AISI 304 stainless steel
Outer sleeve and screw material	AISI 303 stainless steel
Housing O-ring material	Neoprene

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Retaining nut torque	29.4 N m
Enclosure rating	NEMA 4X / IP66
Housing static load test	912 N, applied 38 mm from unsupported end
Ambient impact test	7 J
Installed probe temperature	-51 to +177 deg C

03 DOCUMENTED USE SETTINGS

Electricity Generation and Industrial Energy Production: Thermal Electric Power Generation.

Oil Production and Natural Gas Processing: Oil Exploration and Production.

Pulp Processing and Paper Manufacturing Production: Pulp Production Process Automation.

04 SYSTEM COMPATIBILITY

Bently Nevada 31000-28-10-00-165-01-02 is a 31000 proximity-probe housing assembly for externally accessible radial vibration or Keyphasor measurements. It belongs to the 31000 and 32000 range and includes a 3300 XL 8 mm probe with the multiple-approval configuration.

05 PRODUCT EVIDENCE

Bently Nevada 31000 and 32000 proximity probe housing assemblies official manufacturer datasheet; source pages 1, 2, 3, 4, 5, 6, 15, 16, 17

AMIKON PRODUCT SUPPORT

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