31000 PROXIMITY PROBE HOUSING ASSEMBLY

Product Data Sheet

31000-28-05-00-020-03-00

Radial proximity probe housing

PROBE OPTION	PROBE CABLE LENGTH	STANDOFF ADAPTER	PROBE PENETRATION
3300 XL 8 mm with multiple approvals	**0.5 m**	**0.0 in**	**2.0 in**

Bently Nevada 31000-28-05-00-020-03-00 is a Radial proximity probe housing in the 31000 proximity probe housing assembly. The complete order code identifies 0.5 m probe lead with 2.0-inch penetration.

01 VERIFIED TECHNICAL DATA

Probe option	3300 XL 8 mm with multiple approvals
Probe cable length	0.5 m
Standoff adapter	0.0 in
Probe penetration	2.0 in
Fittings configuration	Two plugs, fitting, reducer and cable seal grip
Outer sleeve option	No outer sleeve
Mounting thread	3/4-14 NPT
Housing material	Glass-reinforced PPS
Sleeve material	304 stainless steel
Penetration adjustment	+/-13 mm

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Enclosure rating	Type 4X and IP66
Measurement principle	Eddy-current proximity sensing
Nominal scale factor	7.87 V/mm
Frequency response	0 to 10 kHz
Calibration target	AISI 4140 steel

03 DOCUMENTED USE SETTINGS

Radial Shaft Monitoring and Probe Access: Radial shaft vibration monitoring across rotating machinery trains.

Compression and Pumping Machinery Condition Monitoring: Pipeline compressor bearing vibration across transmission stations.

Rolling Mill and Mineral Processing Machinery Monitoring: Rolling mill drive vibration across metal processing operations.

04 SYSTEM COMPATIBILITY

Integrate 31000-28-05-00-020-03-00 only within the compatible 31000 proximity probe housing assembly. The complete code must agree with the mating sensor chain, mounting arrangement and signal-conditioning hardware.

05 PRODUCT EVIDENCE

Bently Nevada official manufacturer document for 31000 proximity probe housing assembly

AMIKON PRODUCT SUPPORT

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