

31000 AND 32000 PROXIMITY PROBE HOUSINGS

Product Data Sheet

31000-28-10-15-040-03-02

proximity probe housing assembly

FUNCTION	FAMILY	ORIGIN	WEIGHT
proximity probe housing assembly	31000 and 32000 proximity probe	United States	1.20 kg

Bently Nevada 31000-28-10-15-040-03-02 is a proximity probe housing assembly for the 31000 and 32000 proximity probe housings. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Housing Series	31000 English
Probe Option	3300 XL 8 mm with multiple approvals
Probe Cable Length	1.0 m
Standoff Adapter	1.5 in
Probe Penetration	4.0 in
Fittings Option	English fitting set 03
Mounting Thread	3/4-14 NPT
Enclosure Rating	NEMA 4X and IP66
Housing Material	Polyphenylene sulfide
Typical Weight	1.2 kg

ADDITIONAL PRODUCT DATA

Probe Pressure Limit	Differential seal assembly
Impact Resistance	7 joules

OFFICIAL APPLICATIONS

- Propulsion shafts and auxiliary compressor trains: Propulsion bearing vibration measurement; Auxiliary compressor shaft position tracking
- Test stands and high-speed machine spindles: Spindle bearing vibration measurement; Drive-train shaft position verification
- Turbine and generator bearing measurement points: Steam turbine shaft vibration sensing; Generator thrust position measurement

SYSTEM COMPATIBILITY

Match 31000-28-10-15-040-03-02 to the installed 31000 and 32000 proximity probe housings, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada official manufacturer documentation](#)

<https://dam.bakerhughes.com/m/7daa3bf4736757a2/original/31000-and-32000-Proximity-Probe-Housing-Assemblies-Datasheet-141610-pdf.pdf>

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