

3300 CERAMIC CAPPED PROBE SYSTEMS

Product Data Sheet

146054-011-20-02-05

ceramic capped proximity probe

FUNCTION	FAMILY	ORIGIN	WEIGHT
ceramic capped proximity probe	3300 ceramic capped probe systems	United States	0.35 kg

3300 Ceramic Capped Probe 146054-011-20-02-05 is a ceramic capped proximity probe for the 3300 ceramic capped probe systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Probe Thread	3/8-24 UNF
Overall Case Length	1.1 in
Total Cable Length	2.0 m
Connector Option	ClickLoc without protector
Approval Option	Multiple approvals
Probe Tip	Ceramic capped
Measurement Principle	Eddy-current proximity sensing
Target Material	AISI 4140 steel
Connector Type	Miniature coaxial
Cable Type	Standard coaxial

ADDITIONAL PRODUCT DATA

Case Material

Stainless steel

OFFICIAL APPLICATIONS

- Turbine and generator bearing measurement points: Steam turbine shaft vibration sensing; Generator thrust position measurement
- Compressor trains and pipeline pump skids: Centrifugal compressor bearing monitoring; Pipeline pump shaft position tracking
- Process compressors and reactor circulation pumps: Refrigeration compressor vibration measurement; Circulation pump bearing condition tracking

SYSTEM COMPATIBILITY

Match 146054-011-20-02-05 to the installed 3300 ceramic capped probe systems, 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/7d895c04a26511b2/original/3300-Ceramic-Capped-Probe-Datasheet-172932-pdf.pdf>

AMIKON PRODUCT SUPPORT

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