

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 146054-12-05-01-05

Ceramic Capped Proximity Probe

THREAD	CASE	LENGTH	CONNECTOR
3/8-24 UNF	1.2 in	0.5 m	ClickLoc

Bently Nevada 146054-12-05-01-05 uses a 1.2-inch case for its 3300 ceramic-capped proximity probe configuration. The assembly has a 0.5 m total length, a 3/8-24 UNF thread and an unarmored standard cable with a protected miniature ClickLoc coaxial connection.

01

VERIFIED PRODUCT IDENTITY

Mounting thread	3/8-24 UNF
Case length	1.2 in (30.48 mm)
Total probe length	0.5 m
Connector configuration	ClickLoc coaxial with connector protector
Cable armor	None
Probe tip material	Alumina ceramic
Probe case material	AISI 304 stainless steel
Cable construction	75-ohm coaxial with FEP insulation

Official basis: Datasheet 172932 Rev. J. Exact configuration and operating limits must be checked together.

02 TECHNICAL DATA

System linear span	1.52 mm; stated system conditions apply
Recommended electrical gap	1.0 mm
Operating and storage temperature	-51 to +177 C
Published pressure seal rating	34 bar nitrogen; front-end seal only

03 OFFICIAL APPLICATIONS

- Short-case sensing positions in ammonia-service machinery
- Non-contact monitoring across an extreme-pH media boundary
- Restricted-reach probe positions with front pressure sealing

Applicable family use cases, not evidence that this complete order code was installed in a named project.

04 OFFICIAL DOCUMENTATION

Datasheet 172932 Rev. J

172932 Rev. J: pp.1-3 safety and technical data; pp.5-6 approval conditions; p.7 ordering; p.10 drawings; p.12 copyright.

This summary does not assign unverified packaging data, hardware revisions or a direct replacement.

AMIKON PRODUCT SUPPORT

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