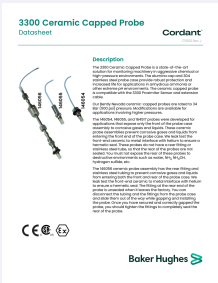


AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Bently Nevada 146054-34-20-02-05
3/8-24 UNF ceramic capped proximity probe



PRODUCT	THREAD	TOTAL LENGTH	SYSTEM
3300 Ceramic Capped Proximity Probe	3/8-24 UNF	2.0 m (6.6 ft) total length	3300 Ceramic Capped Proximity Probe

Bently Nevada 146054-34-20-02-05 is a 3/8-24 UNF ceramic capped proximity probe used as the sensing or signal component in the matching 3300 Ceramic Capped Proximity Probe system. Complete measurement requires compatible system components and the exact ordered electrical or loop configuration.

01 CURRENT PAGE PARAMETERS

Product Model	146054-34-20-02-05
Product Type	3300 ceramic capped proximity probe
Case Thread	3/8-24 UNF
Armor	Without armor
Overall Case Length	3.4 in
Total Length	2.0 m (6.6 ft)
Cable	75 ohm coaxial, FEP insulated
Connector	Miniature coaxial ClickLoc; no protector
Probe Tip Material	Alumina ceramic
Probe Case Material	AISI 304 stainless steel
Pressure Rating	34 bar (500 psi)
Recommended Gap	1.0 mm (40 mil)

Source scope: official Bently Nevada 172932 Rev. J, current product record, tariff and shipment fields. Technical configuration is limited to this exact model.

02 ORDERING CODE VERIFICATION

146054	3300 ceramic capped probe, 3/8-24 UNF, without armor
34	3.4 in overall case length
20	2.0 m (6.6 ft) total length
02	Miniature coaxial ClickLoc connector; standard cable; no protector
05	CSA, ATEX and IECEx / Multiple Approvals

03 SYSTEM ROLE AND APPLICATIONS

The ordered 146054-34-20-02-05 configuration is used only with the compatible 3300 Ceramic Capped Proximity Probe system. Maintain the specified system length, mounting, connector or output, and approval option.

- Machinery monitoring in aggressive chemical environments
- Machinery monitoring in high-pressure environments
- Monitoring where the probe front is exposed to anhydrous ammonia
- Monitoring where the probe front is exposed to extreme-pH media

04 OFFICIAL INSTALLATION FACTS

- Use the specified 3/8-24 UNF mounting configuration.
- Maintain the ordered 2.0 m (6.6 ft) total length system length.
- Preserve Miniature coaxial ClickLoc connector; standard cable; no protector and protect all connections.
- Use the manufacturer drawing and controlled procedure for installation.

05 OFFICIAL DOCUMENTATION

[3300 Ceramic Capped Proximity Probe System Datasheet - 172932 Rev. J](#)

Controlled references remain in the official data sheet and manufacturer documentation. Obtain current revisions through the manufacturer media library.

AMIKON PRODUCT SUPPORT

Amikon Limited

INFO@AMIKON.CN