

APTER POWER

COMPLETE PRODUCT INFORMATION

146054-011-20-02-05

3300 Ceramic-Capped Proximity Probe

Bently Nevada 146054-011-20-02-05 is a ceramic-capped 3/8-24 UNF probe with 1.1 in case length, 2.0 m total length, standard ClickLoc connector and multiple approvals.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3300 ceramic-capped

PART

146054-011-20-02-05

ORIGIN / HS

USA / 8537101190

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

Bently Nevada 146054-011-20-02-05 is a ceramic-capped 3/8-24 UNF probe with 1.1 in case length, 2.0 m total length, standard ClickLoc connector and multiple approvals.

- 

Uses a ceramic-capped sensing tip
- 

Provides 1.1 in threaded case length
- 

Uses a 2.0 m lead and standard ClickLoc connector
- 

Carries multiple approval option 05

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs noncontact measurement where ceramic tip protection is required in the documented documented 3300 ceramic-capped proximity transducer loop. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Probe family	146054 ceramic-capped probe
Thread	3/8-24 UNF
Case-length code 011	1.1 in
Total-length code 20	2.0 m

PARAMETER	VALUE
Connector code 02	Standard ClickLoc connector
Approval code 05	Multiple approvals
Country of origin	USA
HS code	8537101190

TECHNICAL NOTE

Confirm 146054-011-20-02-05, documented 3300 ceramic-capped proximity transducer loop, 3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

High-temperature target areas

Uses the documented ceramic-capped probe arrangement.

Shaft displacement monitoring

Supports matched noncontact measurements.

Probe replacement

Preserves case, lead and connector codes.

Gap verification

Confirms target geometry and linear response.

PRODUCT PRECAUTIONS

1

Confirm the complete 146054-011-20-02-05 marking and controlled maintenance record before work.

2

Place the documented 3300 ceramic-capped proximity transducer loop and associated machine or process in

3

Isolate the documented power, signal and protection circuits before disconnecting 146054-011-20-02-05.

4

Record the installed position, 3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector,

5

Protect connectors, terminals, cable routing and mounting surfaces from damage or contamination.

6

Restore the exact documented 3300 ceramic-capped proximity transducer loop configuration, channel

7

Review live diagnostics, bias or channel status after controlled energization.

8

Verify the intended noncontact measurement where ceramic tip protection is required response and retain

ENGINEER FAQ

Q1 **How is the exact 146054-011-20-02-05 execution identified?**

Match the complete 146054-011-20-02-05 marking, manufacturer record and installed-position record; do not substitute by appearance.

Q2 **What documented role does 146054-011-20-02-05 perform?**

It performs noncontact measurement where ceramic tip protection is required in the documented documented 3300 ceramic-capped proximity transducer loop.

Q3 **Which host must be matched before fitting 146054-011-20-02-05?**

Match the exact documented 3300 ceramic-capped proximity transducer loop, channel, rack or transducer-system position shown in the controlled site record.

Q4 **Which interfaces must be recorded for 146054-011-20-02-05?**

Record 3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector, together with mounting, polarity, shielding, grounding and cable routing.

Q5 **What isolation controls apply to 146054-011-20-02-05?**

Isolate the documented power, signal and protection circuits before disconnecting 146054-011-20-02-05.

Q6 **What must be restored after installing 146054-011-20-02-05?**

Restore the exact documented 3300 ceramic-capped proximity transducer loop configuration, channel assignments and mechanical arrangement.

Q7 **What proves 146054-011-20-02-05 is ready for service?**

Retain diagnostics and a controlled noncontact measurement where ceramic tip protection is required response test with alarms or interlocks where applicable.

Q8 **Which manufacturer record supports the 146054-011-20-02-05 page?**

3300 Ceramic-Capped Probe Datasheet, Bently Nevada publication 172932 Rev. H.

RELATED APTER POWER PAGES

330180-X1-05-MOD-143416-02	330901-05-55-05-11-05	146054-14-10-02-00	330104-04-09-50-02-05
330104-00-10-05-12-05	330105-XX-XX-10-02-05-MOD-15	330105-XX-XX-10-02-05-MOD-15	330171-00-14-10-02-05

SOURCE 3300 Ceramic-Capped Probe Datasheet | Bently Nevada publication 172932 Rev. H

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