

INDUSTRIAL AUTOMATION PRODUCT

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 ceramic-capped probe
Part number	146054-011-20-02-05
Origin / HS	USA / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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.

System Role and Architecture

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.

FUNCTION 1
Uses a ceramic-capped sensing tip

FUNCTION 2
Provides 1.1 in threaded case length

FUNCTION 3
Uses a 2.0 m lead and standard ClickLoc connector

FUNCTION 4
Carries multiple approval option 05

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3300 ceramic-capped probe
02	documented 3300 ceramic-capped proximity transducer loop
03	3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 ceramic-capped probe
Interface role	noncontact measurement where ceramic tip protection is required
Field / power context	documented 3300 ceramic-capped proximity transducer loop
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 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 the approved maintenance state.
- 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, polarity, shielding and grounding.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

ENGINEERING BOUNDARY

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.

PRE-INSTALLATION CHECKS

- 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 the approved maintenance
- 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, polarity, shielding and grounding.

Applications and Engineering Context

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.

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	146054-011-20-02-05 recorded
Host / carrier	Bently Nevada 3300 ceramic-capped probe
Physical interface	3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector matched
Configuration	Exact installed configuration and channel assignments restored
Functional proof	Controlled noncontact measurement where ceramic tip protection is required response recorded

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330102-00-52-10-01-05
02	Bently Nevada 330702-00-25-10-11-05
03	Bently Nevada 330881-16-11-165-07-02
04	Bently Nevada 330880-16-00-021-03-02
05	Bently Nevada 330901-00-14-10-02-00
06	Bently Nevada 330901-00-32-10-02-00
07	Bently Nevada 330909-00-60-10-01-00
08	Bently Nevada 330801-28-00-050-03-02

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE

EMAIL

WEBSITE

+86 180 3023 5313

sales13@apterpower.com

www.apterpower.com

