

# 146054-011-20-02-05

## 3300 Ceramic-Capped Proximity Probe

CONTROLLED ENGINEERING COPY

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.

| INSTALLATION IDENTITY | REQUIRED VALUE                          |
|-----------------------|-----------------------------------------|
| Complete model        | 146054-011-20-02-05                     |
| Manufacturer          | Bently Nevada                           |
| System family         | Bently Nevada 3300 ceramic-capped probe |
| HS code               | 8537101190                              |
| Shipping origin       | Xiamen, Fujian, China                   |



**APTER POWER SALES TEAM**

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

# 01 PRE-INSTALLATION PLAN

- 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.
- 5

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

## MATCHED HARDWARE

- 146054-011-20-02-05 with complete identity
- documented 3300 ceramic-capped proximity transducer loop
- 3/8-24 mounting thread, 1.1 in case, 2.0 m lead and ClickLoc connector
- Controlled commissioning and acceptance record

## INSTALLATION CONTROL RECORD

| CONTROL ITEM       | REQUIRED RECORD                 |
|--------------------|---------------------------------|
| Identity           | 146054-011-20-02-05 recorded    |
| Physical interface | Probe, cable and sensor matched |
| Functional proof   | Static gap and dynamic response |

## 02 WIRING & INTERFACE CHECKS

| CHECK ITEM           | REQUIRED 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                       |
| Connector code 02    | Standard ClickLoc connector |
| Approval code 05     | Multiple approvals          |
| Country of origin    | USA                         |
| HS code              | 8537101190                  |

### FIELD 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.

### RELATED APTER POWER PAGES

|                                        |                                            |                                          |                                            |
|----------------------------------------|--------------------------------------------|------------------------------------------|--------------------------------------------|
| <a href="#">330801-28-00-115-03-02</a> | <a href="#">330908-00-15-10-02-05</a>      | <a href="#">43501-01-04-01</a>           | <a href="#">330190-XXX-00-05-173679-13</a> |
| <a href="#">330878-51-00</a>           | <a href="#">330180-X1-05-MOD-145655-09</a> | <a href="#">168209-0317-127-90-05-01</a> | <a href="#">143493-00-080-080-70-00</a>    |

### 03 COMMISSIONING WORKFLOW



#### COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM      | ACCEPTANCE CONDITION                                                                         |
|--------------------|----------------------------------------------------------------------------------------------|
| Identity           | 146054-011-20-02-05                                                                          |
| 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 |

# 04 RETURN-TO-SERVICE RECORD

- ☐ Protect connectors, terminals, cable routing and mounting surfaces from damage or contamination.
- ☐ Restore the exact documented 3300 ceramic-capped proximity transducer loop configuration, channel assignments and mechanical arrangement.
- ☐ Review live diagnostics, bias or channel status after controlled energization.
- ☐ Verify the intended noncontact measurement where ceramic tip protection is required response and retain acceptance evidence before release.

## VERIFICATION RECORD

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| PRODUCT IDENTITY    | 146054-011-20-02-05                                                          |
| INSTALLED POSITION  | Documented documented 3300 ceramic-capped proximity transducer loop position |
| VERIFICATION METHOD | Controlled inspection and functional test                                    |
| RELEASE RECORD      | Final diagnostic state retained before service                               |

## FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

## SOURCE IDENTIFIERS

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